Lancaster Farming

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Legislation, labor concerns dominate ag town meeting

BY CURT HARLER

MANHEIM — Deputy Secretary of Agriculture E. Chester Heim outlined State Ag Department policy views and fielded questions from the audience in an agricultural town meeting held here Thursday.

The meeting was one of eight such meetings held around the state. A similar session ran Friday in Allentown.

Heim predicted a milk security proposal in writing would be presented to the state legislature within the next month.

He said the Department advocates a security fund and said he felt all parties agree there should be a fund although not all agree on the specifics.

The Department proposal, presented in Lancaster in December, calls for a fund to be built by dealers only at the rate of one cent per hundredweight until the fund reaches $4 million.

Heim said the proposal would be sent to the General Assembly.

"That great melting pot of ideas should go to work on the proposal," he said.

Heim said the Department was backing HB 725, a measure to clarify wording in Act 319. Act 319 provides tax relief for farmers who keep their land in agriculture.

Courts in Bucks County ruled that rollback payments required by Act 319 would have to be paid when land changed hands, even if it remained in farming.

The legislators' intent was to assess a rollback only if the land changed use.

Heim also said the Department supports "right to farm" laws. Such laws would restrict local governments from passing nuisance laws which restrict agricultural operations.

Another priority of the Administration, Heim said, is enactment of enabling legislation to allow creation of ag districts.

"We will work to secure the passage of such a bill, providing for the voluntary creation of ag districts," he said.

His statement indicated the districts could be administered by county governments which have the staff, funds, and facilities lacking in local governments.

Heim spoke highly of the state's new ag theme: "Pennsylvania Agriculture—we're growing better."

Processors and retailers alike seem to like what we're doing," he said.

He said the Department plans to go ahead with step-by-step renovation of the Farm Show Complex.

He said a new Complex is "a pipe dream right now."

The first step in such a plan would be construction of a new livestock barn.

Heim spoke highly of the potential for gasohol. "I came to this meeting in a car run on gasohol," he said.

"It works beautifully. I think everyone ought to try it."

Heim then threw the meeting open to questions from the floor.

About three dozen people, including farmers, two state senators, and many representatives of the

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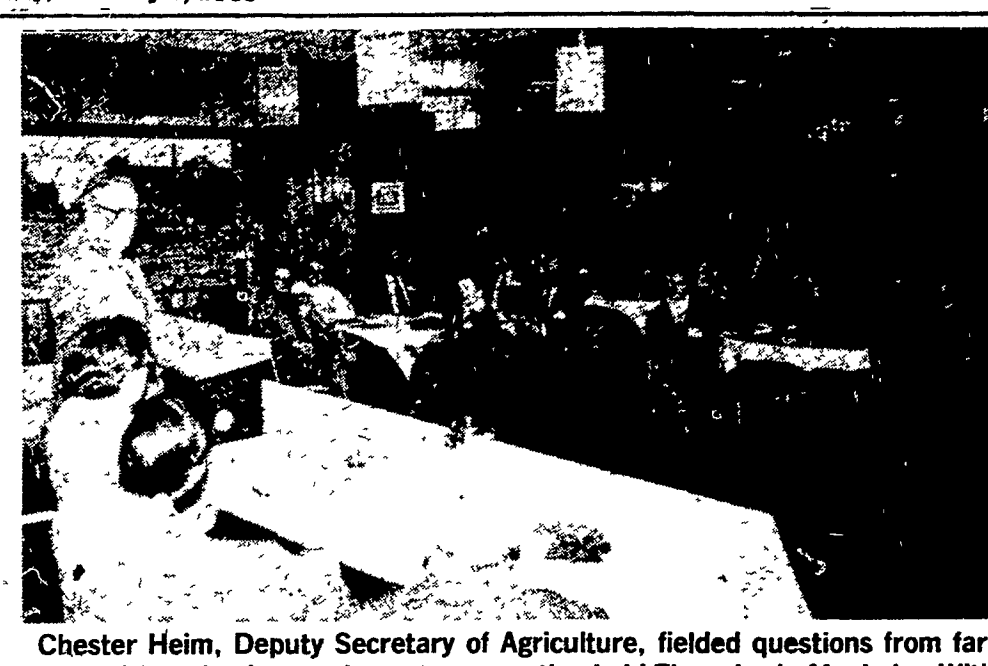

Chester Heim, Deputy Secretary of Agriculture, fielded questions from farmers and farm leaders at the ag town meeting held Thursday in Manheim. With Heim at the speakers table are, from right, Senator Richard Snyder, Manheim farmer Don Hershey, Ag Department Regional Director Eugene Wingert, and Senator Clarence Manbeck.

Electricity from manure is reality

BY DICK WANNER

GETTYSBURG — Some 200 government officials and news reporters flocked to Mason Dixon Farms, Inc. near here on Wednesday to witness a working methane digester supplying methane gas to run a generator big enough to supply Mason-Dixon's electrical needs.

One of the TV commentators present noted this was his seventh methane digester story, but, he said, "...this one seems to work."

In a big shed, Richard Waybright, one of the farm's owners and managers, squinted into the glare of TV lights and told his audience just how well his system had been working since last fall, and how the farm has ended an eight-year search for energy self-sufficiency and pollution control.

Energy self-sufficiency is important to Mason-Dixon because it's big- 2700 acres and more than 1600 cows, nearly 700 of them milking.

The farm has been in the Waybright family for eight generations, but Richard and his son, Burt, were the first Waybrights to host the kind of crowd that gathered Wednesday.

It included Pennsylvania's Lieutenant governor, Secretary of Agriculture, at least one Congressman and newsmen from all over.

After they'd heard Waybright explain what was going on at the farm, the guests walked a short distance down a farm lane to hear something else — the clattering roar of a 120 kilowatt generator that is now supplying half the electrical energy needed to run the Waybright farm and dairy.

Last year, the Waybrights spent $30,000 on electricity. This year, they expect to spend only half that, and are looking forward to the day when they'll be supplying not only their own electrical needs, but a surplus for sale to Met Ed, the power company that gained fame in the Three Mile Island incident.

Richard Waybright told the gathering Mason-Dixon also expects to begin construction soon of a still to produce alcohol for fuel.

The electrical generator roars away inside a red metal building insulated heavily to cut down on the 24-hour-a-day noise. The engine is fueled by a mixture that includes 10-percent diesel fuel and 90-percent biogas.

Biogas is a mixture of methane and other gases produced by the fermentation of liquid manure from a 700-cow barn in the long red building next to the generator house.

The building covers a black rubber bag 95-feet long and 20-feet wide. Below the bag is a manure pit, as wide as long as the bag, and 15-feet deep.

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Tax topics highlight legislative week

HARRISBURG — Believe it or not, both the federal and the state governments are trying to do something about the farmer's tax burden.

At the state level, the Governor's Commission on Tax Reform met in Erie on Wednesday with one of their specific objectives being to take testimony from farmers. Both the Grange and Pennsylvania Farmers' Association were there to tell the commission members about the impact of property taxes on farm operations.

And in Washington, Congress was getting close to repealing a universally unpopular inheritance tax measure passed in 1976. Congress is also about ready to change a provision of the Social Security law that was seen hurting retiring farmers and some other businessmen.

In Erie, Nick Mobilia, Jr., vice-president of the Erie County Farmers Association, told the tax commission that farmers pay twice as much as non-farmers do to support the public school system. He

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Hallowell takes stock after a year in office

Predicts passage of security fund, talks Farm Expo, says Pa. will be No. 1 in '81

HARRISBURG— Penrose Hallowell, in an exclusive interview with Lancaster Farming, reviewed his first year's work as Pennsylvania Secretary of Agriculture.

He pointed out several cost saving moves taken by the department under his direction, noted legislative accomplishments, and talked about personnel changes made this past year.

His predictions for the second year of his administration included the hint of using pressure from the Governor's office to pass a milk security fund and the goal of "making Pennsylvania Agriculture "Number 1 in '81" by "growing better."

Throughout the interview, his close ties to the Republican Governorship of Richard Thornburgh were empahsized.

"I look at the past year from three points of view," Hallowell said.

He said he tried to follow priorities laid out by the Governor.

Thornburgh called for elimination of duplication, coordination of efforts and opening of lines of communications, plus elimination of bad politics.

"I did fire a few people. We had some alleged improper activities going on," Hallowell said.

One of the regional directors who was terminated is charged with macing employees.

Macing is requiring employees to contribute to the political party in control. The former director is being prosecuted.

"We are working with 25 fewer employees," Hallowell noted.

The reduction in rural affairs, random egg sampling and dog law personnel was made to favor economic development of the state's agricultual base.

Two new employees were hired for the marketing division.

"We are bragging that agriculture is soon to be the first most important industry in the state," he said, referring to the slogan Number 1 in '81.

He said the promotion for Pennsylvania goods unveiled at Farm Show was well received by both the public and the food industry.

"Pennsylvania: We're growing better" logos are already appearing in state newspaper ads.

The slogan will concentrate on milk, potatoes and eggs. The Department has, with help from the state Poultry Federation, hired a person to work on egg promotion.

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Livestock market and auction news

Lancaster Market

Monday, January 28

	Cattle	Calves	Hogs	Sheep
Today	551	72	694	72
Last Monday	685	83	1292	119
Last Year	879	115	986	98
Monday's Auction	544	73	742	69
Last Monday's Auction	680	99	993	119

CATTLE: Compared to last Wednesday slaughter steers steady to firm, instances 50 higher; slaugther heifers fully steady; cows 5.00-7.00 higher; bulls 3.00-5.00 higher. Supply included 75 per cent slaughter steers, 10 per cent cows, 8 per cent bulls and 7 per cent heifers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1175-1425 lb. 67.75-69.50; Choice 2-4 975-1350 lb. 67.00-70.00; few head Choice 2 70.00-71.25; Choice 3-4 1275-1400 lb. 65.50-68.25, few head 4-5 1300-1450 lb. 62.85-65.50; high Good and low Choice 2-3 63.00-67.50; Good 2-3 62.00-66.25; Standard 1-2 58.50-60.25.

SLAUGHTER HEIFERS: Choice 2-3 875-1000 lb. 64.00-66.75; Standard 1-2 850-1100 lb. 55.75-59.50.

COWS: Utility and Commercial 1-3 54.00-56.50 Cutter 1-2 54.00-55.75, few 55.75-56.50; Canner and low Cutter 48.00-54.00.

BULLOCKS: Few Choice 1050-1150 lb. 66.25-68.50, individual 1310 lb. 72.25.

BULLS: Yield grade 1 1200-1900 lb. 64.75-69.60, couple 2410-2520 lb. 62.25-63.25; yield grade 2 1000-1400 lb. 57.00-63.75.

VEAL CALVES: Choice and Prime vealers firm to 5.00 higher; high Good and low Choice mostly steady. Demand good for calves returned to farm.

VEALERS: Few Choice and Prime 240-300 lb. 120.00-124.00; Choie 160-300 lb. 105.00-115.00; Good 140-200 lb. 90.00-102.00; high Good and low Choice 120-200 lb. 85.00-100.00, 90-115 lb. 75.00-85.00.

RETURNED TO FARM: Few 90-115 lb. Holstein bulls 115.00-134.00.

SHEEP; Wooled lambs 1.00-2.00 lower.

WOOLED LAMBS: Few Choice 80-100 lb. 70.00-71.00; Choice and Prime 105-110 lb. 69.00-70.00; few Good 65-85 lb. 65.00-70.00.

Vintage Livestock

Tuesday, January 29

	Cattle	Calves	Sheep
Today	930	572	10
Last Tuesday	748	600	8
Last Year	751	540	7

CATTLE: Compared to last Tuesday slaughter steers 1.00 to mostly 2.00 higher; slaughter heifers not fully tested; cows 4.00-6.00 higher; bulls and bullocks not fully tested. Supply included 62 per cent slaughter steers, 32 per cent cows, 4 per cent heifers and 2 per cent bulls.

SLAUGHTER STEERS: High Choice and Prime 3-4 1050-1375 lb. 68.75-70.50; Choice mainly 2 1100-1375 lb. 69.00-71.00, 18 head 71.00-74.00; Choice 2-4 1000-1450 lb. 66.00-69.00, few 69.00-69.50; high Good and low Choice 2-3 1050-1450 lb. 64.50-66.75, around 40 head Good to low Choice 3-4 1285-1350 lb. 63.35-64.75; Good 2-3 60.00-63.50; few Standard 57.00-80.00.

SLAUGHTER HEIFERS: One lot Choice and Prime 3-4 1240 lb. 63.25; Choice 2-3 675-1050 lb. 64.75-65.50; few Good 2-3 59.25-64.25.

COWS: Utility and Commercial 1-3 52.00-56.50, several 56.50-58.00; Commercial 3-4 51.00-53.00; Cutter 1-2 51.75-55.50, several 55.75-57.25; Canner and low Cutter 48.50-51.50.

BULLOCKS: Choice 1050-1300 lb. 66.00-68.2 couple 70.00-71.25.

BULLS: Yield grade 1 1300-1800 lb. 64.60-67.00; yield grade 2 1000-1350 lb. 55.50-61.50.

VEAL CALVES: Vealers fully steady with high Good and low Choice 60-115 lb. 5.00-7.00 higher. Supply included 403 in graded sale of which 57 per cent sold to return to farm.

VEALERS: Couple Prime 280-310 lb. 129.00-132.00; Choice 120-310 lb. 103.00-116.00, couple 117.00-122.00; high Good and low Choice 120-250 lb. 85.00-103.00, 90-115 lb. 77.00-85.00, 60-85 lb. 60.00-75.00.

RETURNED TO FARM: 25 head 100-125 lb. Holstein heifers 237.50-245.00, 35 head 70-95 lb. 171.00-200.00; one lot 120-125 lb. Holstein bulls 129.00, 45 head 110-115 lb. 141.00, 90 head 90-105 lb. 149.00-150.50.

SHEEP: Insufficient volume for a market test.

Lancaster Auction

Wednesday, January 30

	Cattle	Calves	Hogs	Sheep
Today	463	29	923	3
Last Wednesday	444	20	871	21
Last Year	571	57	904	10
Wednesday's Auction	571	28	914	3
Last Wednesday's Auction	436	36	881	21

CATTLE: Compared to Monday slaugther steers mostly steady, instances 50 lower; slaughter heifers firm to 1.00 higher; cows steady to 1.00 lower; bulls and bullocks not fully tested. Supply included 70 per cent slaughter steers, 15 per cent slaughter heifers and 12 per cent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1175-1350 lb. 68.50-69.25, load Choice and Prime 3-5 1360-1555 lb. 65.00-66.25; Choice mainly 2 1050-1250 lb. 69.00-69.50; Choice 2-4 1000-1350 lb. 66.75-69.00, few 4-5 1300-1500 lb. 64.00-66.25; high Good and low Choice 63.50-67.00; Good 2-3 60.00-64.50.

SLAUGHTER HEIFERS: Choice 2-3 850-1200 lb. 64.50-66.75, few head yield grade 2 67.25-69.50; Good 2-3 825-1025 lb. 60.25-64.50.

COWS: Utility and Commercial 1-3 53.50-56.00, few 56.00-57.85; Commercial 3-4 51.25-54.25; Cutter 1-2 52.00-55.25; Canner and low Cutter 48.00-53.50.

BULLOCKS: Few Good 1000-1250 lb. 62.50-65.75, couple Choice 68.00-69.00.

BULLS: Yield grade 1 1300-1800 lb. 66.00-67.50, couple 2195-2395 lb. 65.25-65.50.

VEAL CALVES: Insufficient volume for a market test.

VEALERS: Few high Good and low Choice 85-115 lb. 80.00-85.00.

RETURNED TO FARM: Few 90-115 lb. Holstein bulls 135.00-140.00.

SHEEP: No market test.

New Holland Livestock

Thursday, January 31

CATTLE: 870. Compared to last Thursday slaughter steers weak to 1.00 lower, with Choice yield grade fully 1.00 lower; slaughter heifers mostly steady; cows 4.00-6.00 higher; bulls 1.00-2.00 higher. Supply included 44 per cent slaughter steers, 36 per cent cows, 15 per cent bulls and 5 per cent slaughter heifers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1375 lbs. 68.75-70.60; Choice mainly 2 1050-1375 lbs. 69.00-70.50, few 70.75-71.50; Choice 2-4 1000-1325 lbs. 66.50-69.00, few 69.00-69.50; high Good and low Choice 2-3 64.00-67.50; Good 2-3 60.50-65.00; Standard 1-2, mainly Holsteins 57.00-60.50.

SLAUGHTER HEIFERS: Choice 2-3 850-1025 lbs. 64.50-66.00, few yield grade 2 67.00-69.50; Good 2-3 805-1025 lbs. 60.00-63.50.

COWS: Utility and Commercial 1-3 53.50-57.00, few 57.00-58.00; Commercial 3-4 52.00-54.00; Cutter 1-2 51.50-55.75, few 56.00-56.50; Canner and Low Cutter 48.50-51.50.

BULLOCKS: Few Choice 1100-1300 lbs. 66.00-70.25.

BULLS: Yield grade 1 1300-1800 lbs. 64.50-69.10, around 35 head in one lot 1300-1700 lbs. 69.75-74.85, mainly 72.50-74.00; few yield grade 2 1000-1350 lbs. 61.00-64.00.

VEAL CALVES: 444. Vealers firm to 5.00 higher, with Good 60-110 lbs. fully 10.00 higher although very few of these available for slaughter as any calf with health and strength sold to return to farm.

VEALERS: Prime 180-320 lbs. 125.00-135.00, few 136.00-139.00; Choice 150-320 lbs. 107.00-124.00, few 124.00-126.00; High Good and Low Choice 120-240 lbs. 90.00-110.00; Good 80-110 lbs. 72.00-88.00, few 60-80 lbs. 60.00-74.00.

SLAUGHTER CALVES: Choice 330-450 lbs. 74.00-90.00, few 480-615 lbs. 70.00-72.00.

RETURNED TO FARM: Bulk 95-120 lbs. Holstein heifers 155.00-210.00, few 210.00-240.00; several 80-100 lbs. 90.00-115.00; Bulk 95-120 lbs. Holstein bulls 135.00-155.00, few 155.00-160.00; several 85-100 lbs. 90.00-125.00.

SHEEP: 9. Insufficient volume for a market test.

Lancaster Weekly

Friday, February 1

	Cattle	Calves
This Week	3200	1118
Last Week	2559	1171
Last Year	3682	1154

CATTLE: Slaughter steers opened the week steady to .50, instances 1.00 higher than the corresponding day of the previous week although did not reach the price levels of last week's close; steers relatively steady throughout the week with closing prices weak to 1.00 lower; slaughter heifers fully steady; cows 4.00-6.00 higher; bulls 1.00-3.00 higher. Supply included 55 per cent slaughter steers, 23 per cent cows, 7 per cent bulls and 7 per cent heifers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1050-1425 lbs. 68.50-70.50, load Choice and Prime 3-5 1360-1555 lbs. 65.00-66.25; Choice mainly 2 1050-1300 lbs. 69.00-71.00, 18 head 71.00-74.00; Choice 2-4 1000-1450 lbs. 66.00-69.00, few 69.00-70.00; 4-5 1300-1500 lbs. 64.00-66.25, high Good and low Choice 2-3 63.50-67.00, Good 2-3 60.00-65.00, Standard 1-2 mainly holsteins 57.00-60.50.

SLAUGHTER HEIFERS: Choice 2-3 850-1200 lbs. 64.50-66.75, few head Yield Grade 2 67.25-69.50; Good 2-3 825-1025 lbs. 60.00-64.50.

COWS: Utility and Commercial 1-3 53.50-56.50, several 56.50-58.00, Commercial 3-4 51.00-54.00, Cutter 1-2 51.50-55.75, few 56.00-56.50, Canner and low Cutter 48.00-53.50.

BULLOCKS: Choice 1050-1300 lbs. 66.00-69.50, couple

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Hog Markets

Lancaster Hogs

Saturday, January 26

1420 head.

U.S. No. 1 200-225 lbs. 42.00-45.00, few 47.50; 1 & 2 200-240 lbs. 39.50-40.00; 2 & 3 200-250 lbs. 38.75-39.25.

Monday, January 28

HOGS: Barrows and gilts mostly steady.

BARROWS AND GILTS: US 1-2 205-245 lbs. 38.25-39.50, few 39.50-39.85, With about 25 head 40.35-40.60; US 1 205-240 lbs. 41.50-42.00; US 1-3 220-260 lbs. 38.25-38.75.

Wednesday, January 30

HOGS: Barrows and gilts firm to 50 higher.

BARROWS AND GILTS: US 1-2 200-240 lbs. 39.50-40.25, few 40.35-40.60; US 1 205-235 lbs. 42.00-42.50; US 1-3 225-260 lbs. 39.00-39.50.

New Holland Hogs

Monday, January 28
New Holland, Pa.

	Hogs
Today	1928
Last Monday	1752
Last Year	1692

TREND: Compared to last Monday barrows and gilts 1.00-1.25 lower.

BARROWS AND GILTS: US 1-2 205-240 lbs. 39.25-39.75; US 1 200-240 lbs. 40.25-41.00, Few 41.00-42.00; US 1-3 220-255 lbs. 39.00-39.25.

Vintage Hogs

Paradise, Pa.
Saturday, January 26

Total 932 head. All prices per hundredweight.

No. 1, 205-240 lbs. 41.00-42.50; No. 2 & 3, 210-240 lbs. 38.50-41.00; Sows 300-600 lbs. 28.00-34.25; Boars 205-600 lbs. 27.25-29.25.

Wednesday, January 30

Total 415 head. All prices per hundredweight.

No. 1, 210-240 lbs. 39.50-40.50; No. 2 &3, 200-250 lbs. 37.50-39.50; Sows 300-430 lbs. 28.00-30.50; Boars 200-260 lbs. 26.00-26.50.

Westminster Feeder Pigs

Friday, January 25

901 Pigs: Bidding active! Prices $3.00-6.00 over last month. All pigs weighed on arrival and sold by the pound.

No. 1 & 2 Pigs: 277 head 36-53 lbs. 53.00-64.50; 368 head 54-77 lbs. 49.00-63.00; 38 head 70-76 lbs. 39.00-48.00; 50 head 90-104 lbs. 37.00-44.00.

No. 2: 75 head 38-47 lbs. 49.00-52.00.

No. 2 & 3: 31-43 lbs. 30.00-46.00.

Next Sale: February 22, at 1:30 P.M.

Lancaster Feeder Pigs

Tuesday, January 29
Lancaster, Pa.

	Feeder Pigs
Today	1289
Last Tuesday	1236
Last Year	928

Compared to last Tuesday, feeder pigs firm to 5.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 79 head 28-39 lbs. 64.00-69.00; 350 head 40-49 lb. 58.00-68.00; 255 head 50-59 lbs. 53.00-66.00; 141 head 60-69 lbs. 49.50-60.00; 77 head 70-87 lbs. 43.00-49.50.

US 2-3: 35 head 38-39 lbs. 50.00-62.00; 28 head 48-49 lbs. 44.00-57.00; 40 head 55-70 lbs. 40.00-44.00.

48 head mostly US 3 32-49 lbs. 35.50-38.00.

St. Louis Hogs

Thursday, January 31

HOGS: 4000 - Barrows & gilts fairly active, steady to 50 higher, most advance on weights over 250 lbs. US 1-2 200-240 lbs. 38.50-38.75; US 1-3 230-250 lbs. 38.00-38.50.

SOWS: Unevenly 50-1.50 higher. (About 8%). Us 1-3 300-450 lbs. 33.50-34.00; 450-500 lbs. 34.50-36.00; Over 500 lbs. 36.00-37.00.

BOARS: Over 350 lbs. 32.00-32.50; under 350 lbs. 25.00-27.00.

Peoria Hogs

Thursday, January 31

HOGS: 3000 - Barrows & gilts active, fully steady, instances 50 higher. US 1-2 200-240 lbs. 38.50-39.00; US 1-3 200-240 lbs. 38.00-38.50

SOWS: 50-2.50 higher, most advanced on wts. over 400 lbs. (10%). US 1-3 325-400 lbs. 33.50-35.50; 400-500 lbs. 35.50-36.50; 500-700 lbs. 36.50-38.00.

Indianapolis Hogs

Thursday, January 31

HOGS: 1500 - Barrows & gilts active, 25-50 higher. US 1-2 210-240 lbs. 39.25-39.50, one 62 head 39.75.

SOWS: Active, under 500 lbs. scarce; over 500 lbs. stdy.-50 hgr. (5%). US 1-3 few 400-475 lbs. 31.00-32.00; 500-650 lbs. 35.00-35.50.

BOARS: Under 250 lbs. 25.00-26.00; over 300 lbs. 24.00.

Pa. Grain

Monday, January 28

Compared with last Monday's market for Southeastern, Central and South Central Pa. Corn steady to 10 cents higher. Wheat & Barley uneven, mostly steady to strong, spots 20 cents higher. Oats uneven, mostly steady to 5 cents higher. Ear Corn steady to $5 higher.

Prices paid delivered to dealers dock. (All prices per bushel, except Ear Corn per ton).

Southeastern Pa.

Corn No. 2-y range 2.75-3.00, average 2.83; Wheat No. 2 range 4.00-4.40, average 4.19; Barley No. 3 range 1.95-2.50, few reported 2.65, average 2.22; Oats No. 2 range 1.46-1.90, mostly 1.65-1.70, average 1.68; Soybeans No. 1 range 5.87-6.15, average 6.03; Grain Sorghum No. 2 range 2.20, average 2.20; Ear Corn range 67.00-74.00, few reported 85.00, average 72.00.

Central Pa.

Corn No. 2-y range 2.60-2.85, average 2.73; Wheat No. 2 range 3.80-4.15, average 3.98; Barley No. 3 range 1.80-2.07, average 1.91; Oats No. 2 range 1.50-1.65, average 1.55; Grain Sorghum No. 2 range 2.30-2.60, average 2.50; Ear Corn range 62.00-70.00, average 62.44.

South Central Pa.

Corn No. 2-y range 2.55-2.75, average 2.63; Wheat No. 2 range 3.60-4.20, mostly 3.70-3.95, average 3.87; Barley No. 3 range 1.80-2.00, average 1.90; Oats No. 2 range 1.50-1.80, average 1.61, Ear Corn range 55.00-70.00, average 63.75.

Western Pa.

Corn No. 2-y range 2.50-2.85, average 2.66; Wheat No. 2 range 3.70-3.75, average 3.78; Barley No. 3 few reported 1.55, average 1.55; Oats No. 2 range 1.50-1.65, average 1.58; Ear Corn range few reported 55.00-60.00, average 57.50.

Southeastern, Central & South Central Pa.

Corn No. 2-y range 2.60-2.95, average 2.76; Wheat No. 2 range 3.80-4.35, average 4.07; Barley No. 3 range 1.80-2.30, average 2.05; Oats No. 2 range 1.50-1.75, average 1.61; Ear Corn range 62.00-74.00, average 66.76.

Chicago Grain Futures

(Closing Bids as of Thursday, January 31)

	Corn	Wheat	Soybeans	Soybean Meal
Mar.	2.75	4.69	6.72	185.80
May	2.88	4.74	6.95	190.00
July	2.96¾	4.73	7.17½	195.10
Aug.			7.24	196.50
Sept.	3.04½	4.84		
Nov.			7.41	
Dec.				205.80

Trend - Corn is lower, Wheat is higher, Soybeans are higher, Soybean Meal is higher

Market Provided by Commodity Department
Reynolds Securities, Inc.

Futures Trading

Closing Bids as of Thursday, January 31

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
Feb.	65.65	39.50		44.25
Mar.			5.84	51.65
Apr.	69.25	39.10	6.08	48.90
May			7.20	50.00
June	71.60	43.00		
July				
Aug.	72.00	43.40		

Trend - Cattle are steady, Hogs are lower. Potatoes are lower. Eggs are steady.

Market Provided by Commodity Department
Reynolds Securities, Inc.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter Under Federal Inspection

	CATTLE	CALVES	HOGS	SHEEP
Week to Date	466,000	38,000	1,405,000	79,000
Same Period Last Week	469,000	35,000	1,396,000	82,000
Same Period Last Year	499,000	45,000	1,115,000	70,000

Market courtesy of USDA.

New Holland Feeder Pigs

Wednesday, January 30

Today	1049
Last Wednesday	914
Last Year	1179

Compared to last Wednesday feeder pigs 5.00-8.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 66 head 30-39 lb. 50.00-62.00; 246 head 40-49 lb. 52.00-62.00; 282 head 50-59 lb. 50.00-58.00; 63 head 60-65 lb. 50.00-54.00; 48 head 70-100 lb 43.00-46.00.

US 2-3: 64 head 28-37 lb. 32.00-40.00; 78 head 39-48 lb. 48.00-52.00; 80 head 55-110 lb. 35.00-43.50.

Hunter's Auction

Monday, January 28

COWS: High Choice to Prime 52.25-54.00; Good to Standard 50.25-52.00; Utility 41.75-48.25; Cutters 46.00-47.50; Canners 40.00-46.00.

CALVES: Prime 200-275 lbs. 110.00-125.00; High to Choice 140-180 lbs. 109.00-123.00; Good to Choice 120-140 lbs. 98.00-126.00; Standard to Good 90-110 lbs. 95.00-126.00; Utility 75-85 lbs. 85.00-109.00; Low Utility 65-75 lbs. 68.00-91.00.

FEEDER PIGS: 20-25 lbs. $6 to $12 by hd.; 25-35 lbs. $12 to $14 by hd.

HOGS: 140-180 lbs. 28.00-36.00; 220-240 lbs. 37.00-39.50.

SOWS: 28.00-31.50.

BOARS: 28.00.

***

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Poultry Market Reports

Weekly New York Egg Market

From Friday, January 25 to Thursday, January 31

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	69	69	68	66	64
Ex Large	62	62	61	59	57
Large	61	61	60	58	56
Mediums	58	57	56	54	52
Pullets	45	45	44	42	40
BROWN					
Large	71	71	70	67	65
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Large	53	53	52	51	50
Checks	31	31	30	30	30

Tone: Supplies Ample.

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Nest Run Eggs

Prices are from Egg Clearinghouse, Inc , (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were·

Classification	New Weight Per Case	January Tuesday	January Thursday
Extra Large	51 lbs.	29	31
Class 1 - Large	48 lbs.	44	42
Class 2 - Large	45 lbs.	42	41
Class 3 - Medium	42 lbs.	42	40
Class 4 - Small	39 lbs.	33	32
Breaking Stock	48 lbs	37	38
Checks	48 lbs	32	32

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Eastern Pa. & N.J. Poultry

Wednesday, January 30

Prices of light type hens unchanged to lower. Farm offerings fully adequate for fair processor call. Advance offerings indicated light. Offerings of heavy type ample for a light interest

Prices paid at farm: light type hens 7-8½, mostly 8½

F.O.B. Plant. 11-11½, mostly 11.

Heavy Type Hens: TFEWR.

Philadelphia Eggs

Wednesday, January 30

EGGS: Prices unchanged to lower. Cartoning demand light and disappointing. Offerings fully adequate to ample in most quarters Undertone cautious.

Prices to retailers sales to volume buyers, consumer grades white eggs in cartons, delivered store door.

A Extra Large 59-63; A Large 58-61; A Medium 53-57

Baltimore Eggs

Wednesday, January 30

Prices unchanged to one cent lower. Demand slow to fair. Supplies ample.

Cartoned eggs: prices to retailers, state graded (min. one case sale) white.

Grade A Large	63-66
Grade A Medium	59-63

Delmarva Poultry

Wednesday, January 30

RTC movement light and disappointing with occasional cancellations noted from sales in progress. Slaughter schedule reduced in some quarters Today's LTL asking prices ranged 46-47 on Plant and 47-48 on U.S. Grade A. Advance interest quiet. Live supplies fully adequate at mostly desirable weights Undertone weak and unsettled.

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple drop shipments to New York City from Delmarva.

RANGE. U.S Grade A 47-49½, Plant Grade 46-48½; Premium X U.S. Grade A 52 00

WTD AVG.: U.S. Grade A 48 06; Plant Grade 47.37; Premium X U.S Grade A 52 00

X - includes special services, selected competitive brands, etc

N. E. Weekly Shell Egg Report

Tuesday, January 29

Prices paid per dozen Grade A ' Brown eggs in cartons delivered to retail stores

	Ex. Large	Large	Medium	Small
MASS +	71-79	70-77	65-72	47-56
Mostly	72-77	71-75	66-70	48-54
HAMP	65-69	64-68	59-63	41-45
Mostly	67	66	61	43
R I.	76-77	75-76	70-71	52-53
VERMONT	73-75	72-82	67-77	–
Mostly	75-79	74-77	69-73	–
MAINE	71-73	70-72	65-67	47-49

+ Includes Central and Western Sections only

Fogelsville Poultry

Fogelsville, Pa.
Tuesday, January 29

HEAVYWEIGHT HENS range 16-28, mostly 20-26.

PULLETS. range 45-48, mostly 45-48

ROASTERS: range 20-51, mostly 30-51

CAPONS none this week

DUCKS range 21-46, mostly 40-46

DRAKES range 53-57, mostly 55-57

RABBITS range 35-95, mostly 50-65

GUINEAS. range 1 10-1.15, mostly 1.10-1 15

PIGEONS range per pair 1 50-2.15, mostly 2 00-2.15

GEESE. range 48-50, mostly 48-50

TOTAL 182 head

New Holland Dairy

New Holland, Pa.
Wednesday, January 30

Reported receipts of 81 cows, 68 heifers, and 4 bulls. Market steady

Load of Pa fresh cows, 1010.00-1140.00; Load of NY fresh cows, 1275 00-1410 00, springers 1100 00-1300 00, Load of Vt fresh cows, 780.00-1650 00. Locally consigned cows 750.00-1540.00; Springing heifers 875.00-1200.00, purebred 1200.00-2465.00; Open heifers 375.00-625.00; Bulls 590 00-665.00.

Lancaster Feeder Cattle

Lancaster, Pa.
Friday, January 25

	Feeder Cattle
Today	121
Last Friday	740
Last Year	178

TREND· Insufficient volume for a market test. Supply sold mainly in lots of one and two. Couple lots Medium Frame Number 1 635-750 lbs 64.00-65 75; one lot Large Frame Number 2 1085 lbs Holsteins 57.50

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, January 28

Reported receipts of 450 calves, 110 cows, 10 heifers, 8 bulls, 3 steers, 112 hogs, 5 sheep, and 14 lambs Cattle market reported much higher, calf market reported higher.

Holstein Heifer Calves to 225.00; Veal Calves 85 00-119.50, Bobs, 90-110 lbs. 90 00-182.50; Bobs, 80 and down lbs. 80.00-90.00; Grassers & Feeders 52 00-82 50, Lambs 55.00-66.00; Sheep 18.00-28.00; Hogs, 200-250 lbs 36.00-39.00, top to 40.50, Sows 26.00-33.00; Boars 20 00-23.00; Pigs 10 00-25 00; Heifers 52.50-56.00; Steers, 58 00-60.00; Steers, feeder 55 00-86 00; Bulls 55.00-60 50; Cows, good 53.00-55.00, top 58.75; Cows, medium 50-00-52.50; Cows, poor or small 45 00-48 00; Horses to 520.00; Ponies to 110.00, Goats to 40.00

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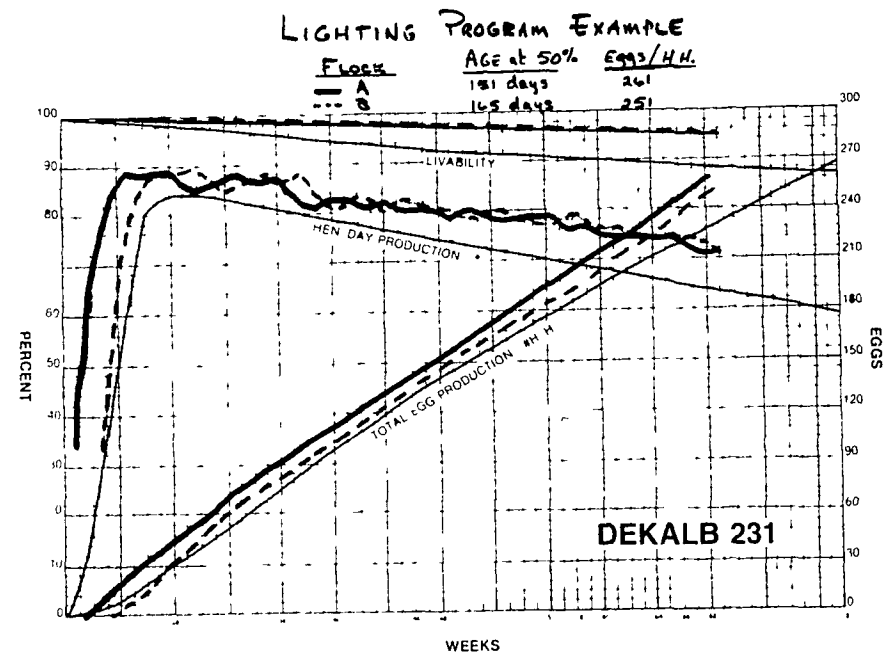

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Livestock market and auction news

Hay Markets

Regional Hay

Monday, January 28

(All hay No. 2 and better, prices paid by dealers at the farm and per ton.)

Hay & Straw slow, steady to weak.

Alfalfa 60.00-70.00; Mixed hay 40.00-55.00; Timothy hay 40.00-50.00; Straw 40.00-50.00; Mulch 25 00-35.00.

Green Dragon

Ephrata, Pa.
Friday, January 25

Prices per ton.

87 loads hay and 25 loads straw.

Alfalfa 49.00-99.00, mostly 60.00-85.00; Mixed hay 43.00-76.00, few to 98.00; Timothy hay 48.00-58.00; Clover, one at 60.00; Straw 47.00-66.00; Ear Corn, 5 loads 68.00-81.00; Corn Fodder, one load at 30.00; Oats, one $2.00 per bushel.

Good's Hay

Leola, Pa.
Wednesday, January 30

A total of 129 loads were moved. All prices per ton unless otherwise noted.

Alfalfa 69.00-85.00, some at 110.00; Timothy 50.00-62.00; Mixed Hay 45.00-95.00, one at 101.00; Straw 53.00-66.00; Corn 79.00-86.00; Fodder 45.00-50 00.

Vintage Hay

Thursday, January 31

15 loads. All prices per ton unless otherwise noted.

Alfalfa 62.00-80.00; Mixed Hay 49 00-62 00; Straw 43.00-46.00.

New Holland Hay

New Holland Sales Stables
Thursday, January 31

188 loads moved. All prices per ton unless otherwise noted.

Alfalfa 49 00-100.00; Timothy 43.00-64.00; Mixed Hay 35.00-98 00; Straw 30.00-67 00; Corn 73.00-83.00.

Leesport Auction

Wednesday, January 23

CATTLE 239. Compared with last Wednesday's market, Choice 960-1300 lbs. slaughter steers 65.85-67.85, couple 70.25, Good 61.86-66.50, Standard 58.00-60.85, few Utility 56.10-57.00. Choice 800-1250 lbs. slaughter heifers 60.00-64.75, one at 66.00, few Good 57.00-61.00, few Standard 52.00-57.00. Utility & Commercial slaughter cows 49.00-52.60, few 55.00, low dressing Utility 47.00-48.50, Cutters 48.35-51.25, Canner & Low Cutter 47.10-49.00, Shells down to 40.00. Few Good slaughter bullocks 60.00-62.50. Yield grade #1 1225-1710 lbs. slaughter bulls 61.10-65.00, one at 70.00, few yield grade #2 1025-1460 lbs. 57.75-60.85. Few Medium #1 375-550 lbs. feeder steers 75.00-79.00, large frame #2 300 lbs. 79.00-88.00, 625-880 lbs. 58.50-70 50; few Medium Frame #1 300-350 lbs. feeder heifers 70.50-73.50; few Medium Frame #1 470-800 lbs. feeder bulls 66.00-69.00.

CALVES 123. Choice vealers 106.00-116.00, one at 120.00, Good 98.00-108.00, few 90-110 lbs. (Standard & Good) 70.00-80.00, few 70-85 lbs. 65.00-72.00. Farm calves, holstein bulls 90-125 lbs. 80.00-135.00, mostly 100.00-130.00; holstein heifers 90-130 lbs. 140.00-210.00, mostly 185.00-205.00.

HOGS 420. US No. 1-3 200-240 lbs. barrows & gilts 39.00-40.00, No. 1-3 200-250 lbs. 28.35-39.35, No. 2-3 215-265 lbs. 37.00-38.75, few No. 1-3 165-180 lbs. 32.00-38.50. US No. 1-3 300-550 lbs. sows 31.00-33.25, few to 34.00, few No. 2-3 475-650 lbs. 27.75-30.00. Boars 26.00-27.00, light weights 30.00-32.00, one at 35.00.

FEEDER PIGS 260 US No 1-3 30-50 lbs feeder pigs 59.00-65.00 cwt , lot 74 00, No. 1-3 55-65 lbs 40 00-47.00, lot 54.50, Utility 20-50 lbs. 42.00-51.00 cwt

SHEEP 3. One Choice 115 lbs. wooled slaughter lambs at 71.00. Couple Slaughter sheep 30.00 and 33.00

GOATS 14. Large goats 32.00-44 00 per head, few small goats 13.00-38.00 per head.

Baltimore USDA

Monday, January 28

CATTLE 350· Limited sales slaughter steers and heifers $2.00-2.50 higher Cows $4.50-5.00 higher. Bulls $2.50-4.50 higher. Supply 25% slaughter steers and heifers, 60% cows, 10% feeders, balance bulls.

SLAUGHTER STEERS· Choice 2-4 1050-1270 lbs 68.75-69.50; Good and Choice 2-4 1000-1385 lbs. 65.75-66.35; Good 2-4 1000-1300 lbs. 62 25-65.00; Standard and Low Good Holsteins 2-3 1200-1550 lbs. 58.00-60.50.

SLAUGHTER HEIFERS Pkg. Choice 3's 935 lbs. 65 35; Good 2-3 830-1070 lbs. 58.00-61.85.

COWS: Early sales Utility 2-3 and Commercial 3-4 48.50-56.75; few High Dressing 57.00-57.75; Cutter 1-2 46.00-52.10, few 52.75.

BULLS: YG 1 1050-1800 lbs. 61.00-69.10; few YG 2 1100-1200 lbs 56.50-60.25

FEEDER CATTLE: Steers - Medium Frame #1 muscle thickness 860-995 lbs. 64.00-68.00; few near 575 lbs. 68.00-70.75. Bulls 375-500 lbs. 77.00-83.00. Heifers Medium Frame #1 300-425 lbs. 70.00-73.50; few 580-700 lbs. 61.00-62.50.

HOGS 600· Barrows & Gilts 50 cents higher than last Wednesday's limited trade. US 1-2 200-240 lbs. 38.50-38.57; few lots US 1 200-230 lbs. 39.00-39.50; US 2-3 230-260 lbs. 37.75-38.50.

SOWS: Uneven, most sales steady to 50 cents lower. US 1-3 300-600 lbs 29 00-30.50, few 31 00

FEEDER PIGS Friday, January 25 Pigs weighed upon arrival and sold on per cwt basis. 43 head US 1-2 35-40 lbs 52.00-61 00, 198 head US 1-2 40-50 lbs. 57 00-64 50, 162 head US 1-2 50-60 lbs 51 00-63 00; 298 head US 1-2 60-80 lbs 48 00-59.00; 50 head US 1-2 90-104 lbs 37.00-44 00; 37 head US 2-3 40-50 lbs 49 00-52.00

VEAL AND CALF AUCTION 50: Choice 190-250 lbs. vealers 94.00-104.00; individual 112.00; few Good and Choice 70-105 lbs 76.50-81 50; Choice calves 290-380 lbs. 90.00-91.00. Calves returned to farm 91.00-111.00; individual Holstein heifer 132.50.

SHEEP AUCTION Pkg Choice wooled slaughter lambs 80 lbs. 63.50

Dewart Auction

Monday, January 28

CATTLE 174. Compared with last Monday's market, slaughter cows $1 to $4.50 higher. Few Choice slaughter steers 65.00-68.75, Good 63.00-65.00, Standard 60.50-62.50. Few Standard & Good slaughter heifers 61.35-64.35. Utility & Commercial slaughter cows 50.50-55.75, few to 58.10, Cutters 49.00-54.00, Canner & Low Cutter 45.00-49.50, Shells down to 42.00. One Choice slaughter bullock at 70.10, one Good at 65.10. Yield Grade #1 1200-2400 lbs. slaughter bulls 59.85-66.85, one at 69.50.

CALVES 177. One Prime vealer at 127.00, few Choice 110.00-123.00, few Good 88.00-95.00, Standard & Good 70-100 lbs. 73.00-89.00. Farm calves, holstein bulls 90-125 lbs 95.00-135.00, holstein heifers 90-130 lbs. 150.00-210.00

HOGS 470 Barrows & gilts steady to 75 cents lower US No 1-2 200-240 lbs barrows & gilts 39.60-40 00, No 1-3 200-250 lbs 39.00-39.70, No. 2-3 250-280 lbs 37.00-38 00. US No 1-3 300-600 lbs. sows 28 00-32.35, few to 34.50 Boars 23 00-30.00.

FEEDER PIGS 271 US No 1-3 20-35 lbs feeder pigs 10 00-19 00 per head, No. 1-3 35-50 lbs 17 00-28 00, No. 1-3 50-60 lbs. 27.00-30.00 per head, No. 1-3 135-155 lbs 31 50-35.00 cwt

SHEEP 3. Two Choice wooled slaughter lambs 64 50 and 66 00.

Sechrist Auction

Stewartstown, Pa.
Monday, January 28

CATTLE 87. Steers High Choice and Prime 65.00-68.85; Good Choice 63.00-65 00; Holsteins Good 58.00-61.50; Standard to Good 55.00-58.00. Heifers High Choice and Prime 63.50-65.00; Good to Choice 62.00-64.00; Holsteins Good 52.50-56 00 Feeder Steers Good and Choice 75.00-89.50. Bulls Good and Choice Commercial 62.00-65.00, Standard to Good 60.0-62.50; Utility to Standard 55.00-60.00 Cows High Yearling Commercial 52.00-55.50; Cutters 49.00-51.85; Canners Low Cutters 46.50-49.00; Shells 40.00-46.50.

CALVES 86. Calves Choice and Prime 118.00-132.00; Good and Choice 105 00-118.00; Standard and Good 95.00-105.00. Bulls 90-120 lbs. 100.00-120 00; Hfrs. 90-140 lbs. 125.00-205.00; Culls 40 00-90 00.

HOGS 314. Sows 250-375 lbs. 34 00-38.50, 400-500 lbs. 27.00-32.00. Boars 300-500 lbs. 25.00-28.00.

SHEEP 15. Lambs Good to Choice 55.00-65.00, Medium and Good 50.00-55.00. Ewes 15 00-28.00.

Private Treaty Fat Hogs, Select No. 1 and 2, 190-215 lbs. 38.00-38 50.

Private Treaty Fat Hogs, No. 1 and 2, 190-240 lbs. 37.50-37.75.

Private Treaty Fat Hogs, No. 1 and 3, 190-260 lbs. 36.00-37.00.

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VOL. 25 No. 1
PUBLIC SALE
OF HAY, STRAW, GRAIN & FIREWOOD
ALSO: FODDER, SHAVINGS, SAWDUST
FRIDAY, FEBRUARY 8th
1:30 p.m.

This will be the first sale of our regular Hay & Grain Consignment Auction to be held every Friday at 1:30 P.M.

COMMISSIONS
Hay, Straw & Ear Corn, ► $2.25 per ton or 10% by the bale
Firewood, Sawdust, etc. ► sold by the load ► 10%

Everything sold by the ton must be accompanied by a certified weigh slip.

Auctioneer/Manager/For More info: **David W. Martin**
(717) 334-7724

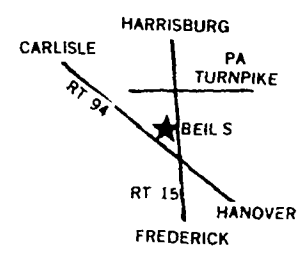
— ALSO SAME DAY —
Public Consignment. Auction of New & Used Tack and/or Farm or Stable related items. Commission of 10% on new items and/or 15% on used items.

— FOLLOWING TACK SALE —
Approx. 7:30 we will have our regular monthly consignment sale of registered & better grade horses.

All Consignments Appreciated
Special! This Sale:
Free Lunch To All Consigners
Plan now to spend this day with us. Bring something along to sell or trade.

No Out of State Checks

BEIL'S SALES
Rt 15 York Springs, Pa.
Horse & Tack Consignments
(717) 528-8218



Livestock market and auction news

Oklahoma Cattle

Thursday, January 31

CATTLE AUCTION

Fairly active, limited sales of Feeder Steers over 500 lb fully steady; 400-500 lb Feeder Steers steady to 1 00 higher; not enough sales of steer calves under 400 lb. to test the trade; Feeder Heifers steady Majority receipts Medium Frame 1, 400-800 lb. Feeder Steers and 300-600 lb Heifers. Due to continued adverse conditions across the state, receipts were curtailed

FEEDER STEERS

Medium Frame 1, 400-500 lb. 90 75-97.00; 500-600 lb. 80 25-88.50; 600-700 lb. 77.25-82 00; 700-800 lb. 74.50-78.75; 800-910 lb. 70.25-73.75. Large Frame 1, package 445 lb 88.75, lot 790 lb. 74.80, lot 980 lb 67.80 Medium Frame 1-2 400-500 lb. 81.25-90.25, 500-600 lb 77 00-80.00. Large Frame 2 Holsteins, lot 367 lb 81 50, lot 450 lb. 83.00.

FEEDER HEIFERS

Medium Frame 1, few 300-400 lb. 78.00-79.75; 400-500 lb. 74.00-77.50, few 500-600 lb 70.00-74.25, two lots 631-636 lb. 68.90-69.00; lot 845 lb. 60.10 Large Frame 1, few 475-500 lb. 74.00-75.50; lot 952 lb. 55 80. Medium Frame 1-2, lot 395 lb. 76 50; 550-700 lb. 65 25-68 75. Medium Frame 2, 650-700 lb 64.50-65.25.

FOR THE WEEK· Feeder Steers under 600 lb. and Feeder Heifers steady; Feeder Steers over 600 lb. 1.00-2.00 higher Slaughter Cows steady to 1.00 higher; late sales included Utility and Commercial 2-3 46.00-50.75, lot high dressing 52.00. Slaughter Bulls closed the week 1.00-2.00 higher; YG 1-2 1275-2600 lb 62.00-66.00 This weeks salable receipts near 3,000 head compared with 9241 head last week and 8121 head the comparable period one year ago Feeder cattle and calves comprised 80 percent of this weeks cattle receipts, Cows and Bulls 20 percent.

Martinsburg Apples

Martinsburg, W. Va.
Thursday, January 21

Prices FOB shipping points basis.

Apples: Demand light market for York & Rome slightly lower others, about steady cartons, 12-3 lb. film bags US Fancy or Better 2-¼" minimum. Red Delicious supplies light $6.00-6.50, mostly $6.00-6.25, some best including US Extra Fancy $7.00, CA Storage $7.50, few $8.00. Red Rome $6.25-6.50, occasionally higher. Red Stayman $6.00-6.25, mostly $6.00, few $6.50. Winesap $6.00-6.50, mostly $6.25. Red York $5.50-6.00, occasionally $6.25. Cartons traypack US combination Extra Fancy & Fancy Red Delicious supplies light. 72-113's $8.50-9.50, mostly $9.00, some best $10.00. CA Storage $10.50, few $11.00. Red Rome 64-113's $7.00-7.50, few best $8.00. US Extra Fancy few $9.00. Red Stayman 72-100's $9.00, few $9.50. 113's $8.50, few $9.00, make Stayman same for Jan. 21-22. Red York 64-113's $7.00-7.50, few $8.00. Winesap 88-113's $8.00-8.50, occasionally $9.50. 125's $8.00, occasionally lower.

East Coast Carlot

Wednesday, January 30

Compared to Tuesday's close unless specified: Prime special fed Veal limited sales generally steady. Good and Choice boning veal generally steady. Lamb trade light early 60 lbs. down part loads 5.00 to 6.00 lower than last week Boneless beef not established, however firm tone indicated

VEAL CARCASS
HIDE ON

Prime (Special Fed) 180-240 lbs. 180.00-185.00 ltd Generally steady.

BONING TYPE
Good and Choice

Northeastern Suppliers: 65-75 lbs. 124.00-126.00 All generally steady; 55-64 lbs. 122.00-124.00; 45-54 lbs. 120.00-122.00; 35-44 lbs. 118.00-120.00; 34 lbs. down 116 00-118 00.

Inshipped no sales reported

LAMB CARCASS
Choice & Prime 3-4
1½ Loads

55 lbs. 134.50 Part Load; 60 lbs down 126.00-127.00

BONELESS BEEF
2 Loads

90 pct chem lean, fresh 144 00

90 pct chem lean, frozen 142.00 boxed.

CURED AND PROCESSED MEATS
10 Loads

Skinned Hams 16-19 lbs. 72.00.

Semi Boneless Hams 14-17 lbs. 89.50.

Semi Boneless Hams 17-20 lbs. 88.00.

Picnics 5-7 lbs. 66.00.

No. 1 Sliced Bacon Vacuum pack 89.00-91.00.

Joliet Cattle

Thursday, January 31

CATTLE: Friday through Wednesday's salable receipts 5,000; 5 days last week 5,005; same period a year ago 5,722. Trading moderate for the week. Steers and heifers ended the week 50 to 1.00, instances 1.50 higher than wednesday of last week Cows ended the week 3 00-4.00 higher than wednesday of last week.

SLAUGHTER STEERS: Mixed high Choice and Prime 3-4 1150-1250 66.00-66.75 Monday; 66 50-67.50 Wednesday; 3-4, few 5, 1250-1325 63.25-65.25 Monday; 65.50-66.50 Wednesday. Choice 2-4 1000-1250 65.75-67.00, 1 load 67.25 Monday; 66.00-67.50, 1 load 68.00 Wednesday. Choice 2-4 1250-1300 65.50-66.00 66.00 Wednesday Choice and Mixed Good and Choice Holsteins 1200-1600 58.50-60 50.

SLAUGHTER HEIFERS: Mixed Choice and Prime 3-4 950-1165 66.00-66.25, 1 66.50 Wednesday. Choice 2-4 850-1100 65.00-65.50, 1 load 66.00, 1 load 66.25 Monday; 65.00-66.00 Wednesday Mixed Good and Choice 2-3 800-1200 63.50-65.00.

COWS· Utility & Commercial 1-3 47.00-49.00 Monday; 48.00-51.00 Wednesday. Canner & Cutter 43.00-46.50 Monday; 44.00-48.00 Wednesday.

Special Markets

Feeder Pig Sale
Courtland, Va.
Thursday, January 24

There were 1,266 head sold. All pigs were graded by Representatives of the VDACS's Division of Markets, Livestock Section on USDA standards and sold by the hundredweight.

US 1-2's: 30-49 lbs. 52.00-62.50; 50-69 lbs. 58.00-60.00; 70-99 lbs. 35.00-48.50; 100-130 lbs. 38.00.

US 3's: 30-49 lbs. 44.50-58.50; 50-69 lbs. 53.50-56.00; 70-99 lbs. 30.00-45.00; 100-130 lbs. 38.00.

Utility: 30-49 lbs. 37.00-48.00; 50-69 lbs. 35.00.

US 4's: 30-49 lbs. 37.00-48.00; 50-69 lbs. 32.00.

Lamb Tel-O-Auction
Dublin, Va.
Friday, January 25

There were 630 head sold. All lambs were graded by Representatives of the VDACS's Division of Markets, Livestock Section on USDA standards and sold by the hundredweight.

PRIME AND CHOICE: 95-125 lbs. 66.40-68.10.

PRIME AND CHOICE: 80-90 lbs. 63.40-65.10.

Central U.S. Carlot

Wednesday, January 30

To very light trade early this week, Choice 4 steers and heifers ranged steady to 1.00 higher. Choice 3 and Good heifer beef mostly steady. Demand and trading moderate to Good early, but turning slow after noon as orders for current needs mostly filled. Packer supplies current. Sale prepared on 92 loads of steer and heifer beef.

STEER BEEF
33 Loads
FOB Omaha Basis

Choice 3 600-800, mostly 700-800 lbs. 100.00-100.25, steady, few early 99.25.

Choice 3 800-900 lbs. 98.00 98.25 1.00 higher than last last week

Choice 2 600-700 lbs. 100.75.

Choice 4 600-900 lbs. 92.00-93.00 steady .75 higher.

Choice 5 700-900 lbs. 87.00.

Good 2-3 600-800 lbs. 95.50.

FOB Amarillo Basis

Choice 4 600-850 lbs. 92.00.

HEIFER BEEF
59 Loads
FOB Omaha Basis

Choice 3 500-700 lbs. 100.00-100.25 steady.

Choice 4 500-700 lbs. 92.00 1.00 higher.

Choice 5 500/Up lbs. 87.00

Good 2-3 500-700 lbs. 94.00-94.25 steady, load 95.25.

FOB Amarillo Basis

Choice 4 500-700 lbs. 92.00.

Cow Beef not established. Supplies light.

COW BEEF
1 Load
FOB Omaha Basis

Util (Brkg) 3-4 450/UP lbs. 85.00 current ship.

PRIMAL BEEF CUTS
10 Loads
FOB Omaha Basis

FORES: 130-210 lbs. 86.25 to mostly 87.50.

RIBS: 24-43 lbs. 133.00.

LOINS: 40-70 lbs. 138.00.

ROUNDS (Hfr): 60-85 lbs. 117.50.

SHORT PLATE: 44.00.

BONELESS PROCESSING BEEF/TRIMMINGS
17 Loads
FOB Omaha Basis

90 pct chem lean fresh 140.00.

50 pct chem lean fresh, 46.50-48.50, mostly combos 48.00-48.50.

50 pct chem lean frozen 50.75 Rail Cars

50 pct chem lean frozen 49.00-49.50.

90 pct chem lean fresh bull meat 142.50

FOB Amarillo Basis

90 pct chem lean fresh 141.00.

Compared to Tuesday's 2:15 report, fresh pork loins steady to 5.00 higher from late trade Tuesday. Picnics 8/up lbs. steady. Boston-Butts 1.00-1.50 higher. Fresh hams generally steady. Sdls bellies generally steady to 1.00 higher. Trading moderate. Demand moderate. Sale reported on 65 loads of Pork items, and 19 loads of trimmings and variety meats.

FRESH PORK CUTS

LOINS: 14/dn lbs. 78.00; 14-17 lbs. 77.00-77.50 steady - 5.00 higher; 14-17 lbs. 81.00 clear channel; 14-17 lbs. 78.75 next week ship; 20/up lbs. 66.00-66.25 steady.

PICNICS: 8/up lbs. 50.50 steady.

BOSTON BUTTS: 4-8 lbs. 68.00 1.00 higher; 4-8 lbs. 68.25 frozen; 8/up lbs. 69.00 1.50 higher.

SPARERIBS: 3/dn lbs. 84.50.

SKINNED HAMS: 14-17 lbs. 65.50 steady with Monday; 17-20 lbs. 63.00 steady; 20-26 lbs. 63.00-64.00, Generally steady.

BELLIES, Sdls: 10-12 lbs. 36.00 .50 higher; 12-14 lbs. 40.50 steady - 1.00 lower; 14-16 lbs. 40.50 steady with Monday; 16-18 lbs. 40.00-40.50 .50-1.00 hghr than Monday; 18-20 lbs. 32.50 steady to .50 higher; 20-25 lbs. 30.00-31.00 steady 1.00 higher.

VARIETY MEATS

Jowls 20.00 frozen.

Kidneys, large box 18.00 frozen.

BONELESS PROCESSING PORK/TRIMMINGS
(chemical lean)

42 pct trimmings fresh 36.50; 42 pct trimmings frozen 27.00-28.00; 72 pct trimmings fresh 75.00; 72 pct trimmings frozen 67.50-68.00 72 pct bnls picnics fresh 82.00; 72 pct bnls picnics frozen 76.00; 86 pct bnls picnics fresh 94.00; 95 pct cheek meat frozen 87.00.

New Holland Horse

Monday, January 28
New Holland
Sales Stables

Reported receipts of 322 head of horses, mules, and ponies. Market stronger.

Load of local driving horses 275.00-1200.00; load of local riding horses 275.00-400.00; better horses 450.00-800.00; lightweight killers 275.00-400.00; heavyweight killers 450.00-775.00; mares 25.00-65.00; colts 10.00-25.00; geldings 25.00-60.00; larger ponies 125.00-250.00.

BALE BEDDING-CHOPPER

★ Simple to run
★ Highly Efficient
★ Easily handled

Use For:

- Chopping litter for cattle, whether kept tied up or in free stalling.
- In hen houses to provide litter to replace conventional bedding.
- In Strawberry Farms for spreading the straw between rows.

FEATURES:

Motor	Gas 5 HP, 7 HP, 4 stroke, Electric 3 HP Battery
Frame	Steel
Emptying	6' to 8'
Wheels	16" diameter pneumatic
Capacity	1-bale/minute
Dimensions	31" width — 50" length
Weight	460 lb
Guarantee	One year on all parts, except blades

LET US SHOW YOU WHAT THE BEDDING CHOPPER CAN DO

PAUL HORNING
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Other Wic Products Available:
★ Motorized Sweeper
★ Motorized Silage Wagon
★ Motorized Feed Wagon

FRIDAY, FEBRUARY 22
ON THE FARM MONTHLY
BRED GILT SALE
Sale to start promptly at 1:00
Every 4 weeks

Located 18 miles south of Lancaster, PA, 6 miles south of Quarryville, take Rt. 272 to Little Britian, turn north, follow Little Britian Rd. to Jackson Rd., 2nd farm, OR Take Rt. 222 out of Quarryville to Cedar Hill Rd to Little Britian Rd to Jackson Rd. Watch for sale arrows

50 to 60 Head
more or less
2 & 3 Way Crossbred Gilts
York & Hampshire & Duroc

Due to farrow 3 days to 4 weeks after sale date Now everything vaccinated for both Lepto & Erysipelas, wormed and sprayed for lice

Local trucker available
No hogs sold on commission.

LAST SALE AVERAGE $246

CHRIST A. BEILER
RD 2, Quarryville, PA
JOHN B. STOLTZFUS

Abe Diffenbach
Auctioneer

NEXT SALE DATE - MAR. 21

VIRGINIA TEL-O-AUCTION SALE SCHEDULE

Slaughter Cattle

February 5	Marshall	2 p.m.
February 14	Fredericksburg	2 p.m.
February 8	Dublin	10 am.
February 9	Madison	2 p.m.
February 12	Courtland	2 p.m.
February 7	Harrisonburg	2 p.m.
February 19	Marshall	2 p.m.
February 27	Orange	2 p.m.

Feeder Pigs

February 6	South Hill	2:30 p.m.
February 6	Marion	3 p.m.
February 7	Farmville	4 p m.
February 12	Harrisonburg	7 p.m.
February 14	Courtland	4 p.m.
February 18	Tappahannock	4 p.m.
February 21	Petersburg	4 p.m.
February 21	Farmville	4 p.m.
February 26	Madison Mills	4 p.m.
February 26	Harrisonburg	7 p.m.
February 28	Courtland	4 p.m.

Anyone wishing to participate should contact Mike Carpenter at Va. Dept. of Agriculture by telephoning 804/786-3951.

Livestock market and auction news

Lebanon Valley Auction

Fredericksburg, Pa.
Tuesday, January 29

CATTLE 260. Compared with last Tuesday's market, slaughter steers mostly steady. Slaughter cows strong $2 to $4 higher. Choice No. 2-4 985-1300 lbs. slaughter steers 65.00-67.25, Good 62.75-65.00, Good & Choice holsteins 60.85-63.00, Standard 59.75-63.75, few Utility & Low Standard 57.50-61.00. Few Choice No. 2-4 940-1225 lbs. slaughter heifers 63.00-64.00, few No. 4-5 1200-1600 lbs. 61.25-61.75, couple 51.75 and 53.50, few Good 59.50-61.25. Utility & Commercial slaughter cows 51.50-55.85, few 57.75, Cutters 50.50-53.75, Canner & Low Cutter 48.00-50.85, few Shells down to 44.00. One Choice slaughter bullock at 68.00, few Good 65.00-66.75, few Standard 63.00-65.00. Few Yield Grade #1 1105-1655 lbs. slaughter bulls 64.25-67.75.

CALVES 220. Vealers grading Standard & Good $5 to $7 higher. Few Choice vealers 103.00-122.00, few Good 92.00-115.00, Standard & Good 90-120 lbs. 83.00-93.00, 65-90 lbs. 73.00-84.00, few Utility 50-95 lbs. 40.00-56.00. Farm calves, holstein bulls 90-130 lbs. 89.00-157.00, mostly 122.00-153.00; holstein heifers 95-140 lbs. 150.00-175.00, few to 220.00.

HOGS 225. Barrows & gilts 50 cents to $1 lower. US No. 1-2 200-235 lbs. barrows & gilts 39.00-39.85, No. 1-3 195-235 lbs. 38.00-39.35, No. 2-3 200-265 lbs. 37.50-38.00, lot No. 1-3 145 lbs. at 29.50. US No. 1-3 370-575 lbs. sows 31.00-32.25, one at 33.00, No. 2-3 280-610 lbs. 27.00-30.50. Boars 26.00-29.35.

FEEDER PIGS 4. Not enough of any one grade to establish market

SHEEP 11. Few Good & Choice 45-85 lbs. wooled slaughter lambs 69.00-79.00. One lot 105 lbs. at 58.00. Two Slaughter sheep 35.00 and 38.00, Yearling at 40.00

Martinsburg Auction

Martinsburg, Pa.
Monday, January 28

CATTLE 172. This report is supplied by the Auction. High Choice & Prime slaughter steers 67.00-71.50, Choice 65.50-68.50, Good 63.00-67.50, Standard 61.00-63.00, Utility 57.00-60.00. Choice slaughter heifers 63.50-67.00, Good 60.00-63.00, Standard 58.00-62.00. Utility & Commercial slaughter cows 52.00-56.00, few to 57.50, Cutters 48.50-52.50, Canner & Low Cutter 45.00-50.00, Shells down to 42.00. Good slaughter bullocks 62.00-66.00, Standard 59.50-63.50. Few Yield Grade #1 1000-2000 lbs. slaughter bulls 64.00-69.00; yield grade #2 900-1600 lbs. 60.00-64.00.

CALVES 218. Choice vealers 108.00-127.00, Good 98.00-112.00, Standard & Good 90-110 lbs. 75.00-90.00, 70-90 lbs. 65.00-85.00, few Utility 55-100 lbs. at 50.00. Farm calves, holstein bulls 90-120 lbs. 120.00-148.00; holstein heifers 85-130 lbs. at 245.00.

HOGS 228. US No. 1-2 200-240 lbs. barrows & gilts 38.70-39.50, No. 1-3 195-230 lbs. 37.50-38.50, No. 2-3 200-250 lbs. 36.50-38.00, No. 1-3 130-185 lbs. 33.00-37.00. US No. 1-3 300-550 lbs. sows 32.00-36.00, No. 2-3 300-650 lbs. 27.50-31.00. Boars 22.00-28.00.

FEEDER PIGS 31. US No. 1-3 20-35 lbs. feeder pigs 16.00-20.00 per head.

SHEEP 0. No sales on offer.

Peoria Cattle

Thursday, January 31

Receipts this week: 4200; last week: 3400; year ago: 4500.

Compared with last week's close, slaughter steers and heifers 50-1.00, instances 1.50 higher. Cows 2.00-3.00 higher. Bulls firm to 1.00 higher. Receipts about 65 percent slaughter steers, 30 percent slaughter heifers, balance mainly cows. Buyers more aggressive during this period than in recent weeks. Several loads sold on Canadian account.

SLAUGHTER STEERS: Choice and Prime 3-4 1150-1300 lbs. 66.00-67.00; load 1265 lbs. Mostly 4's 1100 lbs. 65.00; Choice 2-4 1000-1250 lbs. 66.00-67 25; several loads 67.50-68.00; mixed Good and Choice 2-4 900-1335 lbs. 65 00-66 00; Good 2-3 62 00-65.00

SLAUGHTER HEIFERS: Choice and Prime 3-4 900-1100 lbs. 66.00-66.75; couple loads 67.00; few mostly 4's 1100 lbs. 65.00; Choice 2-4 850-1075 lbs. 65.00-66.00; mixed Good and Choice 2-4 800-1150 lbs. 64.00-65.00; Good 2-3 59.00-64.00.

COWS: Utility and Commercial 1-3 48.00-51.00; few 52.00; Cutter 1-2 44.00-48.00; Canner 39.00-44.00.

BULLS: Yield Grade 1-2 1100-1700 lbs. 53.00-60.00; individual 62.00.

Middleburg Auction

Middleburg, Pa.
Tuesday, January 29

CATTLE 152. Compared with last Tuesday's market, slaughter steers grading Good and Choice 75 cents-$2.50 higher, Standard about steady. Slaughter cows $4-$5 higher. Choice 2-4, 1150-1350 lbs. slaughter steers 67.25-70.50, Good 64.00-67.00, Standard 60.00-64.00, Utility 57.50-60.50. Individual Good slaughter heifer at 62.25. Utilty and Commercial slaughter cows 52.75-56.50, couple to 58.25, Cutters 52.00-56.00, Canner and Low Cutters 48.00-53.00. Few Yield Grade No. 1, 1160-1860 lbs. slaughter bulls 61.85-66.75. Few Large Frame #2, 400-500 lbs. feeder steers 70.00-80.00.

CALVES 123. Vealers grading Standard and Low Good $3-$4 higher. Few Prime vealers 119.00-124.00, few Choice 105.00-120.00, few Good 95.00-100.00, Standard and Good 70-105 lbs. 79.00-97.00. Farm Calves $25.00 higher. Holstein bulls 90-130 lbs. 100.00-155.00; Holstein heifers 80-140 lbs. 147.00-234.00.

HOGS 638. (Tues. 1-29-80 64) Barrows and gilts $1-$2 lower. US No. 1-2 210-230 lbs. barrows and gilts 38.75-39.50, few 40.35, No. 1-3 190-250 lbs. 38.00-38.75, No. 2-3 200-270 lbs. 37.00-38.00. US No. 1-3 300-600 lbs. sows 29.75-32.00. Boars 26.50-27.25.

FEEDER PIGS 384. US No. 1-3 20-35 lbs. feeder pigs 9.50-18.00 per head, No. 1-3 35-55 lbs. 16.00-25.00 per head.

SHEEP 5. Few Good 75-85 lbs wooled slaughter lambs 60.00-61.50.

Four States Livestock

Wednesday, January 23

SLAUGHTER: Fed Steers $1.50 lower. Choice 66.00-67.00; Good 61.00-65.00; Medium 60.00 Down. Heifers Choice 61.00-63.75; Good 56.00-60.00; Medium 55.00 Down. Cows very active, $1.00 higher. High Yield 51.50-53.75; Average 48.00-51.00; Big Middle 44.00-47.00; Shelly 46.00 Down. Fat Bulls few offered. Good 57.00-57.75; Medium 54.00-56.00 Veal Calves Heavy Calves $8.00 higher; Light Calves $4.00 higher; Choice 116.00-126.00; Good 105.00-115.00; Medium 90.00-104.00; Farm Hfrs. to 240.00; Farm Bulls to 135.00; Light & Weak 74.00 Down. Lambs no Choice offered. Good to 64.75; Medium 60.00 Down. Sows 300-600 lbs. 28.00-34.50; Thin Sows 23.00-27.00.

STOCKER: Steers 300-550 lbs. $2.00 lower. Choice 86.00-89.00; Good 80.00-85.00; Medium 74.00-79.00; Culls 73.00 Down. Steers 600-850 lbs. Choice 70.00-74.00; Good 64.00-69.00; Medium 63.00. Heifers (All Weights) Dairy Type to 122.00; Choice 80.00-84.00; Good 71.00-79.00; Medium 70.00 Down. Bulls Choice 75.00-81.00; Good 70.00-74.00; Medium 69.00 Down; Dairy Cows to 125.00; Springing Heifers to 1275.00. Pigs Hd. $2.00 lower; 20-30 lbs. 7.00-17.00; 40-60 lbs. 18.00-23.00. Shoats by Lb. to 34.50. Slaughter Hogs $1.00 lower. 210-230 lbs. 36.75-38.00; 240-260 lbs. 36.50-38.10; 180-205 lbs. 34.00-36.00; 270-290 lbs. 35.00-38.50.

G&M Livestock

Duncansville, Pa.
Monday, January 28

Market report cows & steers higher; hogs steady to weak.

DAIRY COWS. 475.00-1240.00.

STEERS: High Choice and Prime 68.00-71.25; Good to Choice 63.00-68.00; Standard to Good 58.00-63.00.

HEIFERS: High Choice and Prime 64.00-66.50; Good to Choice 60.00-64.00; Other Standard 54.00-60.00.

FEEDERSTEERS: Good to Choice 300-500 lbs. 75.00-90.00.

BULLS: 1200-2210 lbs. 62 00-68.00; 900-1200 lbs. 58.00-64.00

COWS: High Choice to Prime 54.00-58.00, Individual 65.00; Good 52.00-54.00; Utility 48.00-52.00; Cutters 44.00-48.00; Canners Down to 40.00.

CALVES: High Choice 110.00-127.00; Good to Choice 90.00-110.00; Standard to Good 70.00-90.00.

FARM CALVES: Hol. Bulls 100-120 lbs. 110.00-137.50; Hol. Heifers 90-120 lbs. 175.00-250.00.

HOGS: 200-240 lbs. 38.50-40.25, few to 41.00; 130-280 lbs. 35.00-37.50.

FEEDER PIGS: 14.50-26.00.

SOWS: 25.00-37.00

BOARS: 22.00-27.00.

LAMBS: 55.00-68.00

SHEEP: 19.00-30.00.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, January 26

STOCKER, FEEDER, AND SLAUGHTER CATTLE: Good Light Steer Calves 83.00-88.50; Medium 78.00-83.00; Plain 73.00 and down; Good Heavy Steers 70.00-74.50; Medium 65.00-70.00; Plain 60.00 and down; Holstein Steers 47.00-54.75; Good Slaughter Steers 60.00-64.00; Medium 55.00-60.00; Plain 55.00 and down; Good Light Heifer Calves 70.00-73.50; Medium 65.00-70.00; Plain 60.00 and down; Good Heavy Heifers 58.00-61.00; Medium 53.00-58.00; Plain 48.00 and down; Slaughter Cows 51.00-55.25; Utilities 46.00-51.00; Canners & Cutters 39.00 and down; Milk & Stock Cows 810.00 and down; Stock Bulls 52.00-63.00; Slaughter Bulls 57.00-64.50.

CALVES. Veal Calves 108.00 and down; Baby Calves 125.00 and down.

SHEEP & LAMBS: Choice Blue O 72.00; Good Red O 60.50; Feeder Lambs 66.50; Slaughter Ewes 21.00 and down.

HOGS: Top 36.50; Sows 31.50 and down; Boars 20.50; Butcher Hogs 32.00 and down.

Philadelphia Apples

Friday, January 25

Prices cover sales by first receivers on available supplies to 9 a.m. on morning's terminal market in wholesale lots on stock of generally good merchantable quality and condition.

Pa. Carton tray pack: US Fancy Red Delicious 100-125's 8.00; Combination US Extra Fancy and Fancy Stayman 72-80's. 8.50-9.00; Romes 72's 8.00, 88's 7.00, 100's 6.50-7.00. Rome no grade mark one lot 64-80's 9.00.

Pa. Carton film bags, 12-3 lbs. US Fancy 2¼" minimum: Red Delicious 5.40-6.00 some best 6.60; Rome and Golden Delicious 5.50-6.00; Stayman 6.00-6.60; Winesap 6.00, fair color 3.60-4.20; McIntosh fair color 3.60-4.20.

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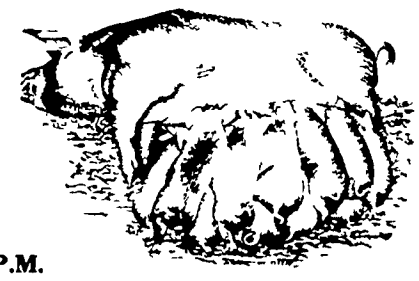

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12:30 P.M. - Dairy Cows
7:00 P.M. - Small Animal Sale

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WALTER H. RISSER, Proprietor

Livestock market and auction news

Lancaster Weekly

(Continued from Page A2)

69.50-72.25; Good 1000-1250 lbs. 62.00-65.55.

BULLS: Yield Grade 1 1300-1800 lbs. 64.50-69.10, around 35 head in one lot 1300-1700 lbs. 69.75-74.85, mainly 72.50-74.00; Yield Grade 2 1000-1350 lbs. 60.00-64.50, few 850-1050 lbs. 55.00-60.00.

VEAL CALVES: Vealers firm to 5.00 higher with Good and low Choice 60-110 lbs. fully 10.00 higher although the bulk of these calves sold for return to farm.

VEALERS: Prime 180-320 lbs. 120.00-135.00, few 136.00-139.00; Choice 150-300 lbs. 104.00-124.00, few 124.00-126.00; high Good and low Choice 120-240 lbs. 85.00-110.00, 90-115 lbs. 74.00-88.00, 60-85 lbs. 60.00-75.00.

RETURNED TO FARM: Bulk 95-125 lbs. holstein heifers 155.00-210.00, several 210.00-245.00, 80-100 lbs. mainly 90.00-120.00 with few 150.00-200.00; bulk 95-120 lbs. holstein bulls 135.00-155.00, few 155.00-160.00, 85-100 lbs. 90.00-125.00.

Omaha Cattle

Thursday, January 31

Midweek prices on slaughter steers and heifers were mostly 1.00 lower, instances 1.25 off on steers. Cows were 50-1.00 higher and bulls firm.

Receipts this week: 15,100, Last Week: 10,300, Year Ago: 12,000.

Closing prices on slaughter steers were firm to 25 higher, instances 50 higher. Heifers were 50 higher, instances 75 higher. Cows surged 2.00-3.00 higher, bulls firm to 1.00 higher.

The fed cattle trade followed a more stable course than most recent weeks. Prices edged cautiously upward under a generally good demand by most buying interests despite only limited early support from carcass trading. Yield grade continued to be a major price-determining factor with best inquiry for Choice 3 steers producing a 600-800 lbs. carcass. Heifers were in good demand as carcass prices were virtually the same as carcass steer prices. Local marketings were moderately expanded over the previous week, but were quite well distributed over the trading period. The run included a fairly liberal percentage Choice steers and heifers although many consignments were mixed 3-4 yield grade and some carried a rather heavy coating of mud. Slaughter steers made up approximately 45 percent of the week's total and heifers 33 percent, cows comprised 15 percent and feeders 5 percent.

STEERS: On Monday, load Choice 3 1188 lbs. and load Choice and Prime 3-4 1193 lbs. 66.50. At midweek, load Choice 3 1144 lbs. 66.25, few loads Choice and Prime 3-4 1196-1225 lbs. 65.00-66.00. Choice 2-4 1000-1275 lbs. 64.50-66.00, some predominately 4 or carrying heavy coating of mud 63.00-64.00, load 1400 lbs. 62.00. Mixed Good and Choice 2-3 1000-1250 lbs. 64.00-64.75, occasionally 65.00. Good 2-3 60.00-64.00. Good and Choice 2-3 1200-1350 lbs. holsteins 59.50-60.00.

Average of LS-214 detailed quotations for Choice 900-1100 lbs. steers with week 65.62; Choice 1100-1300 lbs. 65.25. Average weight steers with week 1188 lbs. as compared 1174 lbs. last week. Average weight heifers this week 1025 lbs. as compared 1026 lbs. last week.

HEIFERS: Part load Choice 3 1020 lbs. 65.25. Moderate volume Choice and Prime 3-4 1000-1100 lbs. 64.50-65.00. Choice 2-4 900-1125 lbs. 63.00-64.50. Mixed Good and Choice 2-3 875-1050 lbs. 62.50-63.50. Good 2-3 59.00-62.00.

COWS: Utility and Commercial 2-4 49.00-51.50, few 52.00. Cutter 47.00-50.00. Canner and Low-Cutter 44.00-47.50.

BULLS: 1-2 1300-2100 lbs. 56.00-61.00, individual 1 62.00-63.00.

St. Louis Cattle

Thursday, January 31

Weekly Cattle Review

Receipts This Week	3,900
Week Ago	4,500
Year Ago	3,900

As compared to the previous weeks close, slaughter steers 1.00-1.50 higher. Slaughter heifers 2.00-2.50 higher. Cows mostly 3.00 higher. Bulls fully 1.00-2.00 higher. Slaughter supply mainly Choice and Mixed Choice and Prime 2-4 slaughter steers, around 35 percent heifers and 15 percent cows.

NOTE: A reduction in the supply of yield grade 3-5 steers and heifers was apparent this week.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1275 lbs. 65.50-66.75, closing 66.00-66.75; 3-4 1200-1325 lbs. 63.50-64.00; part load 3-5 1300 lbs. 60.00. Choice 2-4 950-1275 lbs. 64.00-66.00, closing 64.50-66.00. Mixed Good and Choice 2-4 900-1200 lbs. 63.00-64.50. Good 2-3 900-1150 lbs. 61.50-63.50. Standard to Good 2-3 1075-1350 lbs Holsteins 57.00-61.50.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 875-1050 lbs. 64.50-65.50, Closing 65.00-65.50, load at 65.75. Choice 2-4 800-1050 lbs. 63.00-65.00, closing sales 63.50-65.00. Mixed Good and Choice 2-4 700-975 lbs. 62.00-63.50. Good 2-3 700-950 lbs. 60.00-62.50.

COWS: Closing sale utility and commercial 2-4 47.00-52.00. Boning Utility 1-2 52.00-53.00. Cutter 47.00-50.00. Canner and Low cutter 1-2 43.00-47.00.

BULLS: Yield grade 1-2 1100-1900 lbs. 56.00-61.50, closing 57.00-61.50. Yield Grade 1 1450-2000 lbs. 61.00-63.00. Individual outstanding yield grade 1 2250 lbs. 65.00.

FEEDERS: (Including around 500 at the regular Thursday auction.) Light supply feeder steers and heifers 2.00-4.00 higher. Reduced receipts apparently the result of adverse weather and road conditions throughout much of the marketing area.

FEEDER STEERS: Medium Frame 1: Lot 250 lbs. 99.00; couple lots 350-400 lbs. 95.25-97.50; 400-450 lbs. 85.00-90.75; 525-575 lbs. 85.00-86.75; couple lots 665-675 lbs. 77.00-79.25; lot 900 lbs. 70.50.

FEEDER HEIFERS: Medium Frame 1: Lot 288 lbs. 85.00; 350-500 lbs. 75.74-80.25; Couple lots 500-550 lbs. 75.50-76.00; 600-650 lbs. 66.75-72.75. Large Frame 1: Lot 835 lbs. 66.25.

STOCK COWS: Couple lots medium frame 1-2 865-940 lb. medium-aged 56.00-58.25.

Belleville Auction

Wednesday, January 30

CATTLE 85. Compared with last Wednesday's market; few Standard slaughter steers 58.50-63.60. Utility & Commercial slaughter cows 52.00-57.00, one at 60.25, Cutters 51.75-55.75, few Canner & Low Cutter 48.75-52.00, Shells down to 43.50. Few Yield Grade #1 1280-1940 lbs. slaughter bulls 61.00-66.25.

CALVES 149. Few Choice vealers 114.00-124.00, few Good 95.00-102.00, Standard & Good 70-105 lbs. 83.00-94.00. Farm calves, holstein bulls 90-130 lbs. 100.00-161.00, mostly 130.00-155.00; few holstein heifers 90-150 lbs 162.50-230.00.

HOGS 306. US No. 1-2 200-240 lbs. barrows & gilts 39.35-40.60, No. 1-3 200-265 lbs. 37.75-39.35, one lot No. 2-3 280 lbs. at 36.00. US No. 1-3 300-600 lbs. sows 28.00-32.25, 250-350 lbs. 35.0-38.25. Boars 24.00-29.35.

FEEDER PIGS 319. US No. 1-3 20-35 lbs. feeder pigs 10.00-15.00 per head, No. 1-3 35-50 lbs. 13.00-21.50, Utility 40-70 lbs. 8.50-11.00 per head.

SHEEP 16. Few Choice 90-100 lbs. wooled slaughter lambs 67.00-69.00, few Good 80-100 lbs. 60.00-66.00. Few Slaughter ewes 30.00-44.00.

Western Maryland Market

Tuesday, January 29

BUTCHER CATTLE: Fat Steers prices higher, Good Low Choice 63.00-68.00, Standard 58.00-63.00, Heifers Low Choice to $65.00, Cows large run 2.00-4.00 higher! Good Cows 54.00-56.50, Standard & Utility 51.00-54.00, Canners 48.00-51.00, Shelly 48.00 down, Bulls few offered, Top 1745 lb. at 68.00 bulk 1000-1300 lb. 56.00-60.00.

BUTCHER HOG .50 lower. TopHOGS37.85, Bulk 200-225 lb. 37.35-37.75, 230-260 lb. 37.00-37.85, 170-190 lb. 31.00-35.00, Boars 400-600 lb. to 24.85, Sows 450-700 lb. 28.00-32.50.

VEAL CALVES: Active 10.00-20.00 higher! Tops to 137.00, Good-Choice 115.00-137.00, Standard 95.00-110.00; Light Calves 80.00-92.00; Weak & Rough 80.00 down.

CALVES RETURNED TO FARM: Holstein heifers 95-120 lb. few 160.00-230.00, Holstein bulls 95-120 lb. mostly 130.00-156.00, 85-95 lb. 90.00-125.00.

LAMBS: Few offered, Good to 67.00.

STOCK CATTLE: Steady prices. Stock steers 350-650 lb. 70.00-89.50, 650-900 lb. 62.00-70.00; Stock heifers 350-600 lb. 55.00-71.00; Stock bulls 350-600 lb. 60.00-80.00.

PIGS & SHOATS: Lots of Heavy Shoats offered. By the head 15-30 lb. 5.00-12.00, 30-50 lb. 13.00-20.00. By the lb. 100-150 lb. 23.00-33.00.

Chambersburg Auction

Thursday, January 31

CATTLE 305. Compared with last Thursday market, sl. bulls few Choice 1000-1100 lbs. sl. steers 68.00-71.00; Good 64.00-66.00, couple 67.50; Standard 60.00-64.00; few Choice sl. heifers 64.50-70.75; few Good 60.75-64.50; sl. cows Utility & Commercial 55.00-58.35, few 59.25; Cutters 53.00-57.50; Canners 49.50-53.00; Shells down to 47.25. Choice sl. bullocks few Good 64.85-65.75, few Standard 62.75-65.00. Yield Grade No. 1 1200-2100 lbs. sl. bulls 60.00-68.25, one at 69.00.

FEEDER CATTLE: Few Large Frame No. 2 Good 300-600 lbs. heifers 70.50-95.00.

CALVES 454. Supply included 85% returned to farm. Few Prime vealers 127.00-134.00; Choice 109.00-130.00, few Good 98.00-108.00. Standard 70-100 lbs. 87.00-93.00; Utility 60-100 lbs. 70.00-80.00.

FARM CALVES: Hol. bulls 85-130 lbs. 110.00-175.00, mostly 135.00-165.00. Hol. heifers 90-180 lbs. 130.00-240.00, mostly 185.00-225.00.

HOGS 93. Barrows and gilts 1 lot No. 1-3 175 lbs. 34.00, No. 2-3 240-260 lbs. 37.85-38.00, No. 1-3 200-245 lbs. 38.60-39.35. SOWS US No. 1-3 275-575 lbs. sows 28.75-34.00. Few BOARS 23.75-25.75.

FEEDER PIGS 12. 1 lot US No. 1-3 60 lbs. feeder pigs 23.50.

SHEEP 3. Wooled sl. lambs not enough of any one grade to establish market.

Belknap Auction

Wednesday, January 30

CATTLE 107. Compared with last Wednesday's market, slaughter cows $4 to $5 higher. Good to Low Choice slaughter steers 60.75-65.50. Few Good slaughter heifers 59.50-61.00, few Standard 51.75-55.25. Utility & Commercial slaughter cows 54.00-60.00, Cutters 50.00-55.00, Canner & Low Cutters 45.00-50.00, Shells down to 40.00. One Choice slaughter bullock at 67.25, few Standard 56.00-57.25. Few Yield Grade #1 1300-2115 lbs. slaughter bulls 61.00-66.50, one at 73.50.

CALVES 81. Vealers grading Standard fully $10 higher. One Prime vealer at 127.00, couple Choice 112.00 and 119.00, couple Good 97.00 and 100.00, Standard & Good 90-120 lbs. 85.00-95.00, 65-85 lbs. 68.50-86.00. Farm calves very active, holstein bulls 95-130 lbs. 109.00-145.00.

HOGS 288. Barrows & gilts $1 to $2 higher. US No. 1-2 210-240 lbs. barrows & gilts 41.50-42.00, No. 1-3 200-260 lbs. 40.00-41.50, No. 2-3 200-260 lbs 38.00-39.50. Sows weak to 50 cents lower. US No. 1-3 330-540 lbs. sows 32.50-35.00, few No. 2-3 315-540 lbs 25.00-29.25. Boars 22.00-25.75.

THE OLD FARMER'S ALMANAC

FEB. 4-10, 1980

Icicles drip at a good clip.

Review your household budget now . Patty Hearst kidnapped Feb 4, 1974 Last quarter of the moon Feb. 9 Average length of days for the week, 10 hours, 15 minutes (sundial time this month differs from clock time by only one minute) Shoe rationing began Feb 7, 1943 Smooth runs the water where the brook is deep

Ask the Old Farmer: This year is a Leap Year What is the meaning of the term? G P, Ottumwa, Iowa.

Leap Year comes upon us every fourth year It is not, as many suppose, somehow connected with the fact that unattached females may propose to males at this time It is so called because the added day (Feb 29) makes every day after it "leap over" the day of the week in which it would come in common years

Home Hints. If you want to have comfortably fitting shoes, buy them in the afternoon when the muscles of your feet have spread

OLD FARMER'S WEATHER FORECASTS

New England: Snow, sleet on coast, to start the week, then clear and very cold through week's end

Greater New York-New Jersey: Rain, turning cold through middle of week, rest of week clear and cold, possible snow for weekend

Middle Atlantic Coastal: Cloudy and cold to start, with rain east and snow west, then continued cloudy and cold, snow, for weekend

Piedmont & Southeast Coastal: Cloudy and rainy, cold, to begin, then general cold wave, frost inland, and rain northeast by weekend

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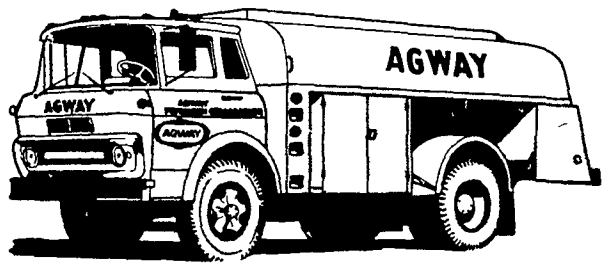

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BY CURT HARLER, EDITOR

Lancaster Farming says...

Make your in-security known

Despite the air of confidence displayed by many co-op leaders and farm organization representatives, the future of any milk security fund in Pennsylvania is in doubt

There has been so much fighting within farm ranks that many non-farm legislators are bewildered and somewhat scared to touch the topic

While the issue is far from dead, their insecurity may eventually doom any milk security fund in the state

All farmer factions seem to agree that dairymen need protection. But although legislators have made it clear the co-op proposal is unacceptable, many organizations still push solely for that idea

These leaders seem determined to fight to the death for their plan—even if it means ending up with no plan at all

Failure to get a plan could only be read as the worst kind of defeat for farmers

A meeting, tentatively slated for this week and closed to the public, is going to bring all of the factions together The Agriculture Department, Grange, Farmers' Association, co-ops, and other parties to the security fund proposal have been invited to sit down and try to come to agreement on direction

We urge farmers to contact their fieldmen and organization officers to impress upon their leaders that the security fund proposal could be in danger of falling apart

Lancaster Farming still likes the idea of 10 day payback where dealers pay promptly and the need to secure 55 days milk is eliminated along with farmers footing the interest payment for that period

Biggest disadvantage at the moment is it would need to be instituted on a regional level, something which might steal some local thunder

PFA objects to the 10-day program because "dealers would be spending over $8 million annually to finance payments to farmers within 10 days," as it said this week

Where is that financing coming from today? It works out to $512 a year out of the pocket of each of the state's 15,500 dairymen

Objections to competitiveness with other states would be eliminated if the plan were regional, or order-wide Many smaller dealers now pay every 10 days and are doing well

Obviously, milk security is a many-sided question Despite our close ties to co-ops, we feel they, and their allies, must show some willingness to compromise, some moderation in their stance

Political realities and farmers' need for security dictate that much

A note of thanks

We always feel it's good to give somone a pat on the back for a job well done

This week, that recognition goes to the State Farm Show Commission for the excellent job they did on controlling the tremendous crowds inside the complex during the week long show

Prior to the annual event, Farm Show exhibitors expressed concern over the lack of security in previous years.

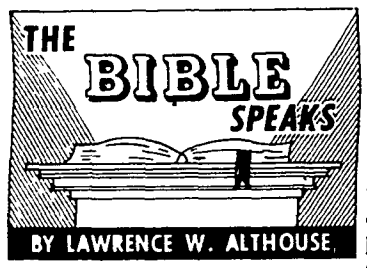
They cited instances where cider jugs were hurled to the floor of the large arena from the upper rows of the peanut gallery And cherry bombs were thrown by spectators who seemed to delight in the chaos the explosions created during the beef shows

The exhibitors called for more consideration from the Commission and offered suggestions on improving the security

Proof that it pays to be up-front with your problems came at this year's Farm Show More security guards and state police patrolled the large arena Trouble-makers were asked to leave, and the upper sections were roped off until the lower sections of chairs were filled

Less trash came down onto the arena floor during shows, and no explosions scared the wits out of animals and exhibitors

Thanks for a job well done



WOMAN OF SAMARIA

Lesson for February 3, 1980

Background Scripture:
John 4:1-42.
Devotional Reading:
Psalms 42:1-8.

Recently I had a speaking engagement in a small city in North Carolina. The pastor of the host church, in a gesture of ecumenicity, invited his ministerial colleagues of the town to a special luncheon for the purpose of meeting me and sharing in my topic. When the meal was over and the discussion began it soon became evident that one of the clergyman was there for the sole purpose of arguing. He seemed compelled to demonstrate to all of us that the differences between us could not be healed — short of adopting his own point of view. Only the good grace of our host kept the gathering from becoming a disaster.

Jews And Samaritans

Jesus' experience with the Samaritan woman at the well of Sychar was of much the same type. His request was for a simple drink of water. Instead of making a simple response, however, the woman promptly named some great barriers that divided them: "How is it that you, a Jew, ask a drink of me, a woman of Samaria?" (4:9). The writer of John promptly explains that "Jews have no dealings with Samaritans." As big a barrier was the fact that she was a woman and that he was addressing her in a public place!

But there are other barriers, too. It is not just that she is a woman, but the **kind** of woman she is. Jesus sees that the woman comes to the well at a strange time of the day. Instead of coming with the other women of the village, she comes when the well is likely to be unattended by anyone. She is an outcast of the village. Why? Jesus knows: "You are right in saying, 'I have no husband'; for you have had five husbands, and he whom you now have is not your husband . . . " (4:16). As a good Jew, Jesus should especially avoided all contact with this tainted woman.

"You Say . . . We Say"

Disturbed by Jesus' amazing insight into her personal life, the woman attempts to turn the encounter into a theological discussion. Pointing to Mt. Gerezim, you remind him that it is the Samaritans' holy mountain and place of worship, while for Jesus, a Jew, the holy mountain of worship would be Zion in Jerusalem. By highlighting an area of theological disagreement, she hopes to deflect this man's judgement from her own personal life. She would rather argue with this man than let him heal her.

Although she does her best to lift up the barriers between them, Jesus patiently pulls them down, one by one. Though she and the Samaritans worship on the nearby mountain and Jesus' fellow Jews worship in the temple on Mt. Zion, Jesus tells her: "But the hour is coming, and now is, when the true worshippers will worship the Father in spirit and truth. God is spirit, and those who worship him must worship in spirit and truth" (4:23-24).

When at last she took her eyes off the barriers and stopped arguing, she found the Christ for herself.

NOW IS THE TIME

By Max Smith, Lancaster County Agricultural Agent
Phone 394-6851

TO POINT LAMBS FOR THE EASTER MARKET

Easter comes a bit late in the spring this year, April 6, so there is time to get early lambs ready for the highest market of the year. This is usually around Easter when the demand for lamb is excellent.

Producers are urged to provide creep feeders for their lambs in order to get maximum weight gains. A mixture of corn and oats in the creep along with their Mother's milk should put them into excellent market condition

TO CARRY SURVIVAL EQUIPMENT

Due to the lack of snow and ice so far this winter, this idea might seem a bit out of place However, winter is not over and emergency conditions can still appear

Folks that are on the road and travel some distance from their homes might be prepared for road conditions causing them to be stranded on the road.

Extra boots and clothing are always useful. A few items of canned or dried food in the car might come in very handy.

As I recall over the years when I did have need to help some drivers that were stuck, they were dressed too lightly and did not have any boots or extra footwear Be prepared for the worst.

TO KEEP OUT WILD BIRDS

The problem of starlings, or other birds, in farm buildings and in feedlots is quite common and one that is very difficult to solve.

At our Cattle Feeder's meeting last week it was noticed that over half of the feeders attending reported having a problem with birds.

One of the speakers at this meeting suggested the use of special baits, such as Starlicide, to keep down the population; there may be other products that can be used. The use of window screen over open ducts, windows and doors is another way to keep them out of buildings. For the open feedlot the control is not easy

Birds not only eat feed, but are unsanitary, and could bring diseases to the farm.

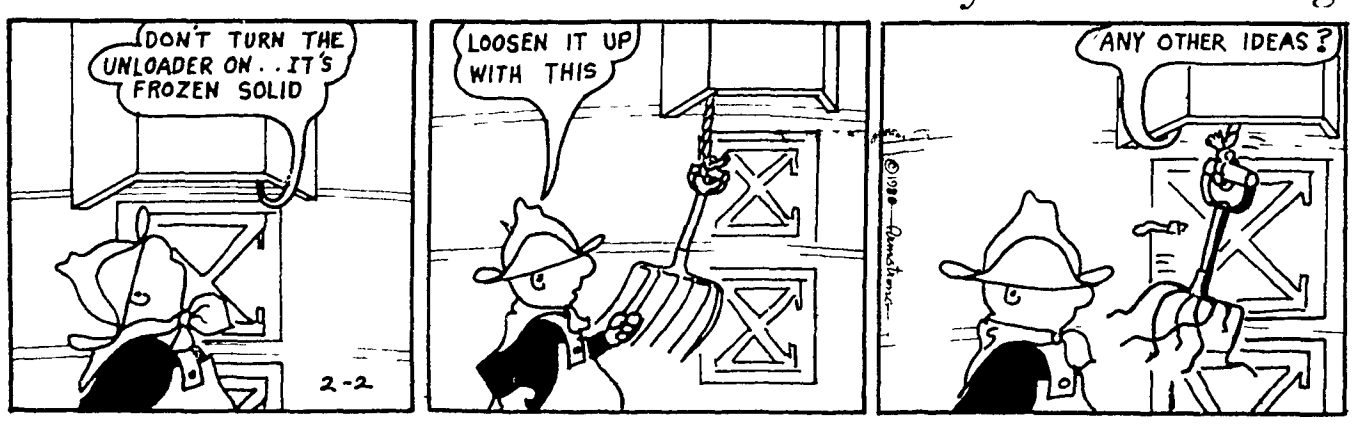
TO TOPDRESS WINTER WHEAT WITH MANURE

Due to the lack of snow cover to date, it might be in order for wheat growers to spread some strawy manure over their wheat fields. This could be especially helpful on fields exposed to the prevailing winds.

This could also be done in winter barley fields, if the danger of lodging does not

(Turn to Page A20)

RURAL ROUTE *By Tom Armstrong*



Farm Calendar

Today, February 2

Ephrata Young Farmers annual meeting & banquet, 6 30 p m , Mt. Airy Fire Hall

Dauphin Co 4-H Baby Beef Banquet, 7 p m , Susquehanna High School

York Co Baby Beef Banquet, 6 30 p.m , Shrewsbury Fire Hall

Monday, February 4

Farm Equipment Manufacturers' Assoc. of Pa. meeting, 5:30 p m , Sunnyside Restaurant, Carlisle

Tuesday, February 5

Gasohol meeting, 7 p.m., Dover High School Auditorium

(Turn to Page A20)

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Livestock market and auction news

Indiana Livestock

Thursday, January 31

CATTLE 81. Compared with last Thursday market, Sl. cows strong $2.25-$5.00 higher. (1) Good 66.00, few standard 58.25-60.75, few Utility 50.00-53.00, few Choice YG sl. heifers 66.50-68.25, 1 Good 57.00, few Standard 54.00-55.00. Sl. cows Utility & Commercial 51.50-57.00, one at 58.75. Cutters 48.00-53.00, Canners & low cutter 43.25-48.00. Few Yield Grade No. 1 1050-1650 lbs sl. bulls 63.00-64.50.

FEEDER CATTLE: Choice Medium Frame No. 2 480-750 lbs. steers 62.50-65.00, Medium Frame No. 1 Good 300-500 lbs. heifers 57.50-69.00. Medium Frame No. 2 Good 500-700 lbs. bulls 52.50-58.25.

CALVES 108. Vealers grading standard & good 1.00-5.00 higher, few Choice 110-125.00, Good 95.00-110.00, Standard & Gd. 90-120 lbs. 85.00-100.00, Standard 70-90 lbs. 70.00-90.00, Utility 55-125 lbs. 60.00-75.00.

FARM CALVES: Hol Bulls 85-125 lbs. 96.00-154.00, Hol. heifers 85-125 lbs. 100.00-205.00.

HOGS 23. Barrows and gilts US No. 1-2 200-235 lbs. barrows and gilts 42.50-43.20, few No. 1-3 200-230 lbs. 40.50-42.00, few No. 2-3 270 lbs. 38.25. Sows 1 US No. 1-3 300 lbs. sows 33.00, Boars 19.00-20.50.

FEEDER PIGS 23. US No. 1-3 30-40 lbs. feeder pigs 12.00-12.50 per head, 1 lot No. 1-3 75 lbs. 23.00.

SHEEP 5. Spring/ /or/Wooled sl. lambs Good 85-95 lbs. 52.00-63.00, few Slaughter ewes 15.00.

Leesport Auction

Wednesday, January 30

CATTLE 202. Compared with last Wednesday's market, slaughter steers $1 to $3 higher, most advance on Standard. Slaughter cows $3 to $5 higher. Choice 1050-1250 lbs. slaughter steers 67.10-70.35, Good 64.00-68.00, Standard 61.25-63.50, few Utility 60.25-61.00. Couple Choice slaughter heifers 63.10 and 64.75, few Good 59.00-60.50, few Standard 55.00-60.25. Utility & Commercial slaughter cows 54.00-57.85, Cutters 51.75-55.00, Canner & Low Cutter 49.00-52.75. Couple Choice slaughter bullocks 73.00 and 76.75, one Standard at 63.35. Couple Yield Grade #1 1850 and 1900 lbs. slaughter bulls 64.60 and 67.10; few yield grade #2 910-1175 lbs. 58.50-61.85. Few Large Frame #1 340-575 lbs. feeder steers 77.50-90.00, few Large Frame #2 300-500 lbs. 73.50-75.00, 700-1000 lbs. 63.25-69.00; few Large Frame #1 350-525 lbs. feeder heifers 74.00-77.50, few Medium Frame #1 360-400 lbs. 68.00-72.00.

CALVES 135. Few Choice vealers 114.00-118.00, few Good 100.00-108.00, few Standard & Good 110-130 lbs. 87.00-90.00, few 90-110 lbs. 80.00-84.00, few 75-85 lbs. 70.00-75.00, few Utility 60-95 lbs. 50.00-70.00. Farm calves, holstein bulls 90-130 lbs. 130.00-155.00, some down to 90.00; holstein heifers 80-130 lbs. 180.00-220 00.

HOGS 470. Barrows & gilts 25¢ lower. US no. 1-2 200-240 lbs. barrows & gilts 38.75-39.75, one lot 40.50, No. 1-3 195-260 lbs. 38.00-39.10, few No. 2-3 200-275 lbs. 36.25-38.60, few No. 1-3 145-185 lbs. 30.00-34.00. Sows steady to $1 lower. US No. 1-3 300-500 lbs. sows 30.00-33.25, few to 36.50, few No. 2-3 400-700 lbs. 28.75-32.00. Boars 26.50-28.00, few light weights 29.00-33.00.

FEEDER PIGS 169. US No. 1-3 25-50 lbs. feeder pigs 53.00-61.00 cwt., 2 lots 66.00 and 69.00, few No. 1-3 85-95 lbs. 39.00-41.00, few Utility 30-60 lbs. 34.00-41.00 cwt.

SHEEP 46. Choice 80-125 lbs. wooled slaughter lambs 60.00-72.00, couple New Crop at 82.00, Good 100-135 lbs. wooled slaughter lambs 45.00-54.00. Slaughter ewes 29.00-40.00.

GOATS 15. Large Goats 39.00-49.00.

Pa. Auction Summary

Friday, February 1

CATTLE 5028. Compared with last weeks market, slaughter steers mostly 50 cents to $1 higher. Sl. heifers strong to $1 higher. Sl. cows $3-5 higher. Sl. bulls strong to $2 higher. High Choice & Prime YG No. 3-4 sl. steers 68.00-70.60. Choice YG 2-4 65.00-71.00; Good 61.00-66.00; Standard 58.00-63.00 few Utility 57.00-61.00. Choice YG sl. heifers 63.00-67.00; Good 59.00-64.00; Standard 55.00-59.00. Utility & Commercial sl. cows 51.00-57.75, few to 60.00, Cutters 49.00-55.75; Canner & L. Cutter 45.00-52.00, Shells down to 40.00. Few Choice sl. bullocks 66.00-70.00, few Good 62.00-66.00, few Standard 58.00-63.00. Yield Grade #1, 1000-2200 lbs. 61.00-67.75 few 69.60, Yield Grade #2, 900-1500 lbs. 57.00-63.00.

FEEDER CATTLE: Medium & Large Frame No. 1 Choice 300-500 lbs. steers 72.00-90.00. Medium & Large Frame No. 2 Good 300-600 lbs. 56.00-75.00. Medium Frame No. 1 Good 300-500 lbs. heifers 60.00-75.00.

CALVES 3375. Compared with 2877 head last week and 3382 head a year ago. Vealers grading Good & Choice $1-5 higher. Few Prime vealers 125.00-135.00, Choice 105.00-125.00, Standard & Good $5-15 higher, demand strong for farm calves with bulk of supply sold to that market, Good 90.00-110.00, Standard & good 90-120 lbs. 85.00-95.00, 65-90 70.00-85.00, Utility 50-100 lbs. 50.00-70.00.

FARM CALVES very active. Hol. Bulls 90-130 lbs. 90,00-165.00, mostly 100.00-140.00. Hol. Heifers 90-150 lbs. 100.00-245.00, mostly 150.00-220.00.

HOGS 7308. Barrows and gilts mostly 50 cents to $1 compared with 7037 last week and 7479 head a year ago. US No. 1-2 200-245 lbs. barrows & gilts 39.00-40.50 few 42.00, No. 1-3 200-250 lbs. 38.00-39.50. No. 2-3 200-275 lbs. 36.50-38.00, No. 1-3 140-190 lbs. 34.00-37.00. SOWS steady to $1 higher. US No. 1-3 300-550 lbs. sows 30.00-37.00, No. 2-3 300-675 lbs. 25.00-31.00. BOARS 22.00-28.00.

FEEDER PIGS 1509. Uneven compared with 1709 head last week and 1596 head a year ago. US No. 1-3 20-35 lbs. feeder pigs 10.00-19.00 per head, No. 1-3 35-50 lbs. 16.00-25.00, No. 50-85 lbs. 19.00-30.00.

GRADED FEEDER PIGS 2329. ALL SALES CWT. Compared with 2975 head last week, and 2087 head a year ago. Feeder pigs mostly $2-7 higher. US No. 1-2 30-40 lbs. 51.00-69.00, 40-50 lbs. 52.00-68.00, 50-60 lbs. 50.00-66.00, 60-70 lbs. 49.00-60.00, 70-85 lbs. 43.00-49.00; US No. 2-3 30-40 lbs. 32.00-48.00, 40-50 lbs. 44.00-57.00, 50-70 lbs. 39.00-44.00; US No. 1-3 35-75 lbs. 29.00-38.00.

SHEEP 296. Wooled sl. lambs steady to strong compared with 361 last week and 49 head a year ago. Choice 65-100 lbs. 64.00-72.00 few 79.00 Good 50-135 lbs. 49.00-63.00. Few Slaughter ewes 18.00-44.00.

SCS tells how to maintain drains

LEBANON — Sediment trapped in subsurface drainage systems drains money from your pocket says Fred Suffian, Soil Conservationist. Water standing a few days in low lying croplands will reduce yields cutting income and land values.

According to Suffian, you know your subsurface drains are working if water remains on your field for only a short time after a heavy rain. If properly installed, those drains will function well for many years.

Most failures can be prevented by regular care. Maintenance practices such as cleaning trash and removing sediment, clearing drainage outlets, and controlling tree roots should be performed at least twice a year.

Surface inlet covers often seal with trash while their basins fill with silt. Clean inlet covers and clean basins when they are clogged. If a cover is left off and/or the basin fills the line may clog.

Drain outlets may fail because the outlet ditch becomes too shallow, causing a backup in the line. A minimum free-fall of ½ foot should be maintained from the bottom of the drain outlet to the bottom of the ditch or stream.

Roots of nearby trees may grow into subsurface drains causing the lines to block. A tree root zone is about the same size as its crown diameter, therefore, cut tree as necessary.

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Maryland Ag Week to run February 4 to 9

ANNAPOLIS, Md. — Maryland agriculture will be highlighted from February 4-9 when Maryland Agriculture Week is observed at Salisbury Mall in Wicomico County.

"Maryland Agriculture· Food and Energy for People" is the slogan for this year's activities which will inform the public on the role of agriculture from food producers to consumers Following the initial Ag week, there will be a tour of five additional counties with displays for the public to view free of charge.

By 1990 thousands of Maryland farms may be in the direct energy production business in that they could have a still as part of their operations to process agricultural surpluses and waste into ethanol or methanol alcohol.

The fuel produced would be used to heat buildings and in engines to power everything from the family car to tractors and combines. Surplus fuel could also be sold.

If that farm is home to large numbers of livestock such as cows, beef cattle, hogs, turkeys or chickens it also might have a methane processing operation added to process animal wastes by capturing useable methane gas which in turn can be used as a source of heat to make electricity or even engine fuel.

When it comes to solar energy, farmers are right at home as they are the largest direct users of solar energy already. The sun powers plant growth and that's what grain, fruit, vegetable and forage production is all about.

The 1980's are probably going to see an intesification of solar energy applications on the farm aimed at heating buildings, heating water, drying grain, and, perhaps, even for the production of on-farm electricity.

By 1990 the farm in Maryland is more likely to be the place where non-farmers go to buy things direct. Pick your own fruit and vegetable operations have been expanding because they are a happy marriage of producer and consumer with advantages to both in the form of more profit for the farmer, fresh quality for the consumer, minimized transportation and packaging costs, and better understanding.

The farm of the 1990's is also likely to be an environmental showcase too. Farmers are finding better methods to make sure fertilizers stay where they are put and don't run off, soil errosion is reduced through such practices as no-till cropping, and they are employing pest management techniques to reduce the need for pesticides.

There's a cost bonus in that for the farmer and there's an energy bonus in it for all of us too: pesticides and fertilizers require energy to manufacture and transport. Reduced need for such inputs by farmers is another step in energy conservation.

Another development of the future taking place now is the increased use of computers by farmers and even on the farm. Within 10 years many farmers will add the trade of computer programmer to their array of skills.

Agricultural computers will be used to monitor the energy production systems switching them back and forth to mate production with demand. Some farmers may even be able to sell surplus electricity back to the power company!

Farmers are a friend of the future and look forward to it. They have always gambled to produce the food that we usually think of only when we need it.

So, by 1990 when Maryland Ag Week rolls around, the state's farmers will again proudly proclaim that "Maryland Agriculture: Food and Energy For People" is truer than it is today!

Stabled horses need exercise

UNIVERSITY PARK — When horses are kept in a stable for long periods of time as during the winter, they can get out of condition. And they may develop some bad habits. Avoid this by the following tips.

Being natural athletes, horses need a daily work-out to keep their muscles, feet, and legs in good condition. Twenty or twenty-five minutes on the end of a long line or exercise rope is one of the best ways. Let the horse run circles around you; this keeps him from getting fat and flabby and developing weak feet and legs.

A horse without exercise can also develop bad habits such as chewing on fence posts, gates, and the stable door. He may start sucking wind or cribbing.

Either habit can cause a horse to go off his feed because he's too busy gnawing or sucking wind or cribbing to eat.

It's usually difficult to cure a bad habit so in addition to the daily work-out, give your horse a change of quarters. Or provide him with a larger exercise area. Or feed him adequate roughage with a balanced ration.

These are effective treatments to keep a horse in good health and high spirits throughout the winter.

For those who desire more information about horses, their selection, feeding, care, management, housing, equitation, and equipment, Penn State provides a Correspondence Course, titled, Light Horses.

You can get the course by sending $6.00 plus 50 cents postage to HORSES, Box 5000, University Park, PA 16802.

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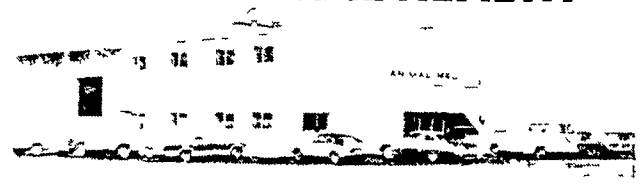

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— SCHEDULE OF EVENTS —

8:00 a.m.- Doors Open
9:00 a.m.- Mycoplasmal Pneumonia and Arthritis in Swine, Del Meyer, D.V.M.
10:00 a.m.- Atrophic Rhinitis in Swine, O.T. Reynolds
10:45 a.m.- Reproductive and Respiratory Problems in Cattle, Mark Keister, D.V.M.
11:45 a.m.- Bloat in Cattle — Film, Paul Futch
12:00 noon- Lunch
1:00 p.m.- New and Better Parasite Control, Tim Stalker
1:30 p.m.- Mastitis Control and the Dry Cow, Del Meyer, D.V.M.
2:15 p.m.- The Positive Approach to Disease Control and Feeding Efficiency through Beneficial Cultures, Eugene Barefoot, B.S., M.S.
3:00 p.m.- Management of T.G.E., Ron Goddard
3:30 p.m.- More effective Erysipelas Control, Mark Keister, D.V.M.

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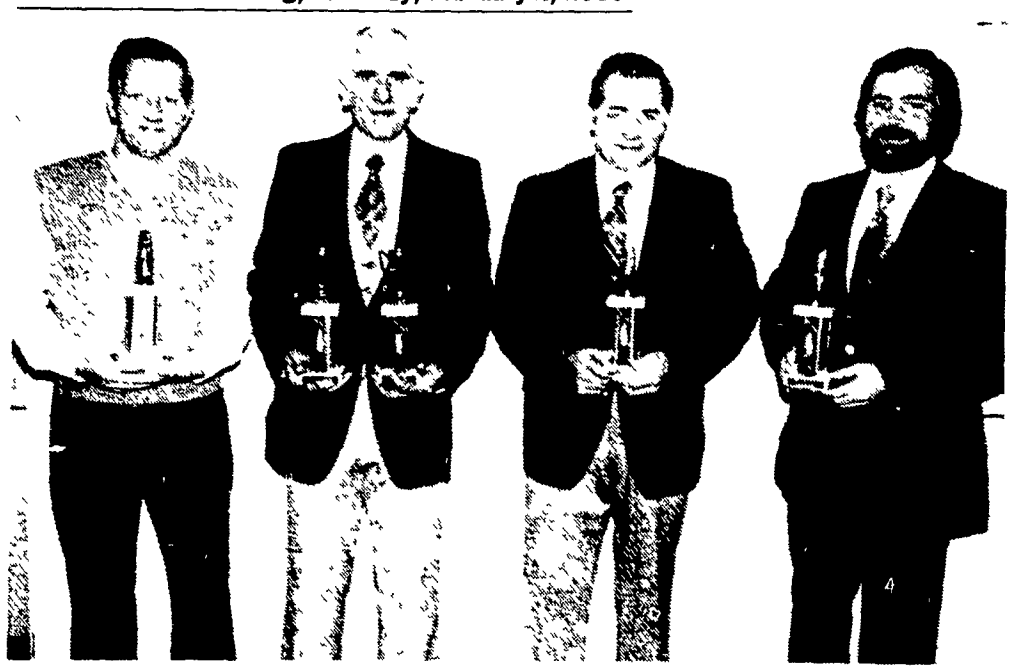

Award winners at the Northern Lebanon Young Farmers Banquet are, from left - Arthur Kunkle, corn silage; Ed Funck, haylage and alfalfa; Galen Bollinger, corn quality; and G. Lamar Bollinger, highest corn yield in bushels per acre. Awards were presented by J. Ray Rickel, chapter advisor.

Co-op League names legislative director

WASHINGTON, D.C. — Norman M. Clapp, administrator of the Rural Electrification Administration under Presidents Kennedy and Johnson, has been named to direct legislative activities of the Cooperative League of the USA by Glenn M. Anderson, CLUSA president.

"We are pleased to find a man of Norman Clapp's broad governmental experience for this important legislative role in support of the nation's cooperatives," Anderson said. "His first efforts in our behalf will call directly on his rich personal background in transportation, utility regulation and cooperative financing."

It is expected that Clapp's early legislative involvement will be in support of CLUSA-inspired legislation to establish an REA-type federal lending agency to serve transportation cooperatives, principally those formed to take over and operate abandoned branch rail lines in rural area.

This proposed user ownership and control of an essential transport service is seen as a close parallel to the electrification of much of rural America 40 years ago by user-owned electric cooperatives.

In recent years, Clapp served at various times as head of Wiconsin's Department of Transportation and Public Service Commission, both cabinet-level posts in that state. IN 1977-78, he served as New York Gov. Hugh L. Carey's appointee to head a state investigation of the New York City power failure July 13, 1977.

Earlier, he had served as administrative assistant to the late Wisconsin U.S. Sen. Robert M. LaFollette, Jr., 1935-42 and as minority expert for the Senate Finance Committee, 1942-44.

Corn, oats intentions up for 1980

HARRISBURG — Based on January 1 intentions, Pennsylvania farmers intend to plant increased acreages of corn and oats, but less barley, sorghum and soybeans according to the Pennsylvania Crop Reporting Service.

Acreage planting intentions and percent changes from 1979 for those items surveyed are. corn to be planted, 1,700,000 acres, up four percent, oats to be planted, 390,000 acres, up eight percent; barley to be planted, 120,000 acres, down four percent; soybeans to be planted, 80,000 acres, down six percent; and sorghum to be planted, 14,000 acres, down 22 percent.

For those 34 states surveyed, acreage planting intentions and changes from 1979 are: corn, 81 6 million acres, up four percent; oats, 13.3 million acres, down five percent; barley, 8.43 million acres, up 11 percent; sorghum, 15 9 million acres, up five percent, soybeans, 70 7 million acres, virtually unchanged.

Letters To The Editor

Contrary to a front page article in your January 26 issue, the program that a positive vote in the upcoming beef referendum will implement is most emphatically not a government program.

This is a producer self-help effort that was conceived, born, nurtured and developed by some of the best minds in all the many varied phases of the cattle industry, nationwide. At one time or another the program actually faced opposition from USDA, the Congress and even the State Department. The program is to be financed and managed entirely by cattle producers.

Commenting on your editorial, the Beeferendum is backed by every beef and dairy cattle breed association and by every state beef cattlemen's organization including the Texas and Southwestern Cattle Raisers Association, the largest.

The American Farm Bureau Federation endorses it along with just about every state Farm Bureau organization in the country except those of Tennessee and Texas, whose opposition is based on the rather ridiculous fear that they will lose some power.

The biggest opponent of this referendum is producer apathy, but that is not the fault of the program. After all, wide-spread apathy is also very evident in the political elections in this country, unfortunately.

This program gives cattle producers a chance to get ahold of their own industry and affairs and run them for their better benefit.

If we don't speak out for our products and our industry, who will?

Register in your county ASCS office from now thru February 6, and vote "YES" February 19 thru 22.

John W. Stump
Chairman,
Md. Beeferendum
Committee

Editor's note: While not a government program in the usual sense, the program is administered by USDA. Also, AFBF is neutral on the 20 cents per $100 checkoff program and has requested each individual state to set their own policy.

I would like to thank you for a fine editorial on Jan. 19 concerning the milk security fund. This is a fine editorial the treats the farmer as equally as others.

I urge other farmers to read this editorial again and to contact their organizations and legislators for a proposal like this.

Thanks again for a fine paper that serves the farmer.

Sincerely yours,
Harold Van Druff
R2, Box 172
Waynesburg

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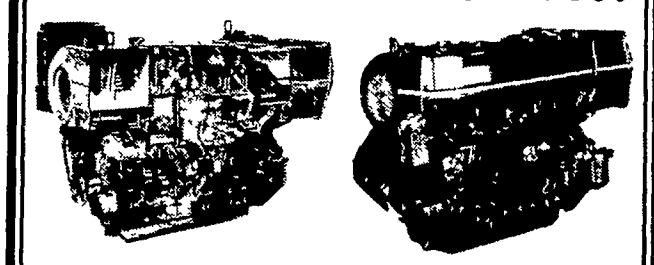

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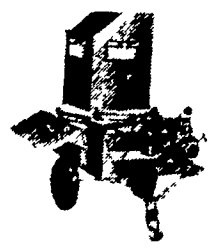

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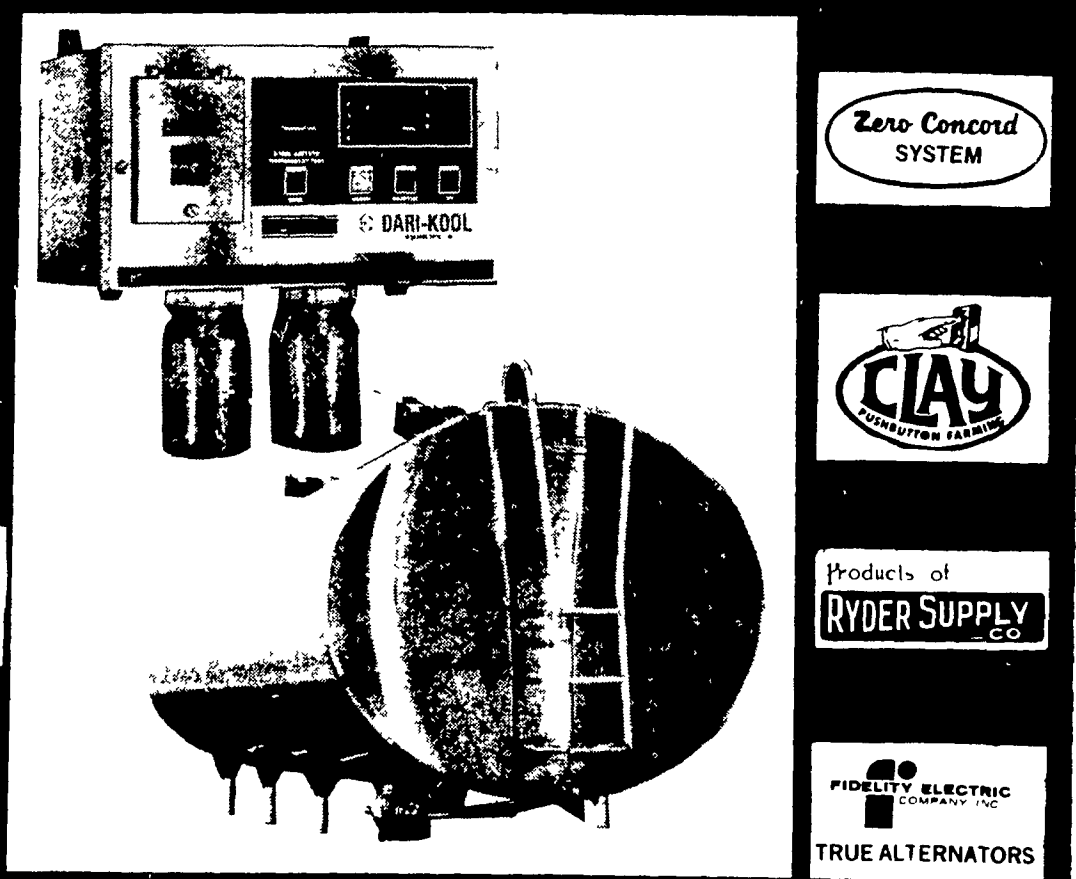

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When is a dairy buffer effective against acid?

PISCATAWAY, NJ — Buffers, buffers, buffers.

Few dairy and beef producers can pick up a farm paper these days without reading about various buffers being used as feed ingredients.

But not all so-called buffers are effective in buffering rumen acids, and most aren't really buffers at all.

When used in dairy and beef feeds, a "buffer chemically maintains a balanced pH in the animals' digestive system. The pH is a measure of the level of acid and alkali in a solution, and is expressed in numbers from 0 to 14.

A rumen pH between 6.2 and 6.8 is generally considered best for optimum digestion and rumen function in cattle. This will vary with feeding regime and time after feeding.

Only one feed ingredient, sodium bicarbonate, is commercially fed to cattle to maintain this optimal pH through true buffering action, says W.H. Hale, a University of Arizona animal nutritionist.

"The rest of these ingredients work by means other than buffering," Hale says.

Limestone, dolomite, sodium bentonite, whey and sodium and calsium hydroxides are compounds often fed to cattle to improve production

However, none is a "true" buffer like sodium bicarbonate, Hale points out.

Sodium bicarbonate added to feedstuffs results in a change in the rumen pH. Bicarb biologically increases the alkaline reserves in the rumen, and that can be a benefit to the feeder," he adds.

Beef and dairy producers feeding high-energy, low-fiber rations to boost herd performance may have good reason to feed sodium bicarbonate. These "hot" rations can cause acidic rumens that in turn contribute to poorer cattle performance.

Under normal grazing conditions, enough sodium bicarbonate is produced naturally in the saliva to neutralize acids formed during digestion. But, cattle fed finely chopped feedstuffs or high energy grains often don't produce enough saliva and natural bicarb to counteract rumen acids.

By maintaining proper rumen pH, sodium bicarbonate helps feedlot cattle gain weight more efficiently. Bicarb-fed cattle may maintain better appetites and digest their feed more completely than cattle with acidic rumens.

Dairymen feed bicarb to maintain butterfat content in the milk their herds produce. Butterfat production is often depressed when rumen acids accumulate and reduce rumen pH.

Propionate, a fatty acid that the mammary gland is unable to utilize for milkfat production, increases when the pH falls below 6.0. Bicarb restores milkfat production by maintaining a pH above 6.0, preventing excessive propionate from forming in the rumen.

Other compounds popularly called buffers work differently than sodium bicarbonate. Limestone and dolomite are carbonate sources and are fed to raise the pH in the digestive systems of cattle. They are not buffers, and are effective in the intestine, rather than in the rumen.

The calcium in limestone and dolomite adds alkaline reserves to the lower digestive system, raising the pH in the intestine. But, neither compound keeps acid levels constant through buffering action.

Three other compounds commonly referred to as buffers — magnesium oxide, sodium bentonite and whey — increase the rate at which feedstuffs pass through the rumen into the lower digestive tract, Hale says. With less time to ferment, rumen contents produce less acid.

Magnesium oxide also increases the mineral magnesium in ruminants' blood. At the University of Michigan, researchers found that blood magnesium increases the mammary glands' absorption of long-chain fatty acids needed to produce milkfat. "This in part may be connected to higher milkfat production," Dr. Hale says.

Sodium bentonite is a clay used as a binder in the poultry feed industry. Its effectiveness in the ruminant diets may be due to its absorptive powers, although its use is not well documented.

Sodium and calcium hydroxides have been experimentally fed to cattle to correct extreme acid conditions, but both compounds are extremely caustic and could be dangerous if overfed. And, they are not buffers.

"The hydroxides are not effective, are dangerous to handle and are corrosive to equipment," Hale says.

In sum, sodium bicarbonate is the only true buffer available commercially as a feed ingredient.

Other so-called "Buffers" affect cattle performance by adding to alkaline reserves in the digestive system, by increasing the rumen turnover rate or by increasing the uptake of fatty acids in the mammary glands, Hale says.

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More whites, young people in farm labor force

WASHINGTON, D.C. — While the farm production has shown an almost steady decline in recent years, the hired farmworker picture has changed little – at least on the surface.

The hired farm work force has hovered around 2.7 million persons since the late 1960's.

However, admidst this apparent stability, the makeup of this work force has changed markedly.

Over the past few years, the hired farm work force has been predominately white (71 percent), with minorities accounting for 29 percent. Of these, 39 percent were Hispanic and 61 percent were blacks or members of other ethnic minorities.

Since the late 1960's, the number of black and other minority farm workers has declined about 46 percent.

The average age of farmworkers also declined since the late sixties This change was primarily due to a decline in the number of workers 45 years and older and an increase in the 18-24 age group.

In 1977, on the average, minority workers were older than their white counterparts.

The median age of Hispanics was 30, of blacks and others 33, and of whites only 23.

These figures indicate that white workers were more likely to move out of hired farmwork as they became older.

This suggests that hired farmwork may serve more as an entry level job into the labor force or a supplemental job for whites, compared with minority workers.

Minorities were employed on the farm for longer periods during the year and receiver higher annual farm earnings than white farmworkers.

Hispanic farmworkers averaged 118 days of farmwork a year, compared with 110 days for blacks and others, and 86 days for whites.

Annual farm earnings for Hispanics averaged $2,830, and black and other minority farmworkers averaged $2,356. Earnings for both groups were significantly higher than the $1,672 average for whites.

York agri-business seminar explores energy

BY JOYCE BUPP
Staff Correspondent

YORK — Looking for a quick way to reduce our total national fuel dependency by three percent?

"Then stop producing food," says Joe McCurdy, agriculture engineer with Penn State's ag college. McCurdy headed up a panel of speakers on energy innovations at the York Agri-Business seminar held last Thursday at Avalong Farms Restaurant.

While non-farmers tend to label big harvest machines and large horsepower tractors as high energy consumers, statistics disclaim those myths. Although the total food industry uses 16.5 percent of the nation's fuels, actual on-farm production takes only three percent of the nation's total needs.

Just preparation and cooking of America's meals uses a bigger chunk and transportation and marketing account for even more.

Pennsylvania agriculture is almost totally petroleum based, including the running of some on-farm electric generators. Fertilizers and chemicals account for the biggest use. Corn production is the largest crop user of energy, with alfalfa and hay production in the second spot.

One farmer on the panel is making farm energy history by turning his dairy farm waste into the energy to produce milk. He's Horace Waybright, operator of Mason-Dixon Dairy in Adams County, where a unique system is converting manure from 800 milking cows into generator fuel

"It's efficient and simple," Waybright attests. "And it helps to control odors." He estimated a hundred thousand dollars is invested in the system, which has been in operation for two thousand hours.

Manure is flushed and pumped into a huge plastic bag digester and kept heated to 95 degrees through heat exchanger pipes. The methane produced by the warmed manure is drawn off, blended with a small amount of diesel for ignition and engine lubrication, and used to run a diesel engine that operates the electric generator to power milking equipment.

Wastes pumped from the bag are run through a "squeezer", which separates nutrient-high fluids for field irrigation from dried solids suitable for cattle bedding. Waybright projects the system will pay for itself in five years or less. For the full story, see page one

Wind power is frequently mentioned as another energy alternative. Panelist Robert Johnson is a research engineer with Pennsylvania Power and Light, which has a wind turbine operating a few miles west of Hazelton.

The machine, in operation since September of 1978, is four-bladed with a horizontal axis. A medium-size machine, it's geared toward the needs of residential or small commercial customers.

"It has very, very good mechanical reliability, but we're disappointed with the output," Johnson admitted. That output to date has been only two percent of the turbine's potential capacity.

Site of the machine, he warns, is of prime importance in locating a wind turbine. At least one full year's wind data should be accumulated before finally setting up a wind turbine system.

Cost of the turbine will be prohibitive to the average home owners or small business, though. Projected cost for one is estimated at $30,000 to $50,000, with PP&L investing $230,000 in the Hazelton experiment.

Solar energy, popular winner in alternative energy polls, will continue to be worthy of a lot of talk but limited action believes E. Randal Beck, of the York County Planning Commission.

The cost effectiveness of solar is not practical for wide commercial use, with Beck citing estimates of nine thousand football field size solar collectors needed to replace the energy generated by the inoperable Three Mile Island nuclear plant.

Most effective use of solar in agriculture, he figures, is incorporating it in new facilities for livestock housing, or the farm house itself.

Stone storage is the simplest and cheapest method of solar heat retention; but the stones must be spotlessly clean and totally dry, or mold, moisture and eventually odor problems may arise.

"Now they can stand here and say it can't be done — but I've seen it done," argued Richard Potts, Fulton County farmer and alcohol distilling enthusiast. Potts spoke on the controversial procedure now earning praise from supporters, while being viewed by many specialists as impractical.

Most of the information being put out on alcohol pertains to beverage-types, claims Potts, and that's not applicable to fuel distillate.

He's building two prototypes for alcohol production, one at Wilson College in a research study and another a cutaway demonstrator. Potts said any patents that come out of the Wilson College experiment will be turned over for use by the public.

"Use your junkyard," he urged farmers interested in trying alcohol distilling

He warned, though, that all components must be "dairy-house clean," and estimated 20 gallons per hour as a reasonable rate of production, with costs ranging from 42 to 90 cents per gallon depending on the operation's efficiency.

A researcher from the Northeast Solar Energy Center called the panelists' topics "the four big candidates for renewable energy in agriculture." About 160 million gallons of gasoline or its equivalent were used to farm in Pennsylvania last year.

William Locheretz, Ph.D. and senior agriculture scientist at the Center, then shot down the likelihood that any of the alternates will large replace current petroleum based fuels.

Alcohol, the most likely suitable, requires corn which is already in demand and higher priced in the East than in the grain-glutted Midwest.

Methane does not adapt readily to mobile systems, although it has proven uses in building facilities, where low-temperature heat is required.

Wind and solar are both dependent on weather conditions and thus must be backed up with more secure and reliable energy sources

Instead, Lockeretz sees the four renewables more as "energy insurance" than complete substitutes, systems that can be utilized as long as they have a backup method.

He opinioned, "Farmers can do a lot of innovation and respond to the challenge of energy do-it-yourself systems better than the average home owners."

William Locheretz told York farmers that current energy alternates will not replace petroleum fuels.

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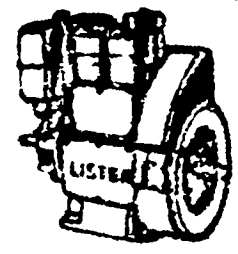

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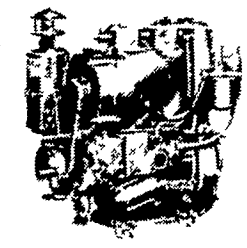

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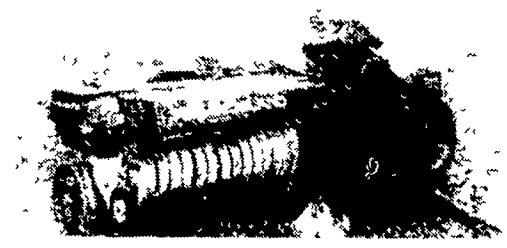

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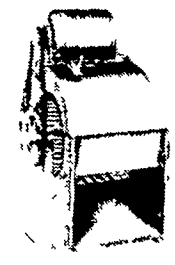

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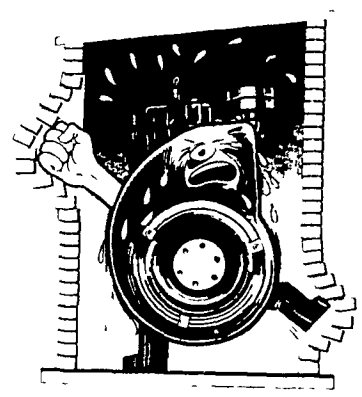

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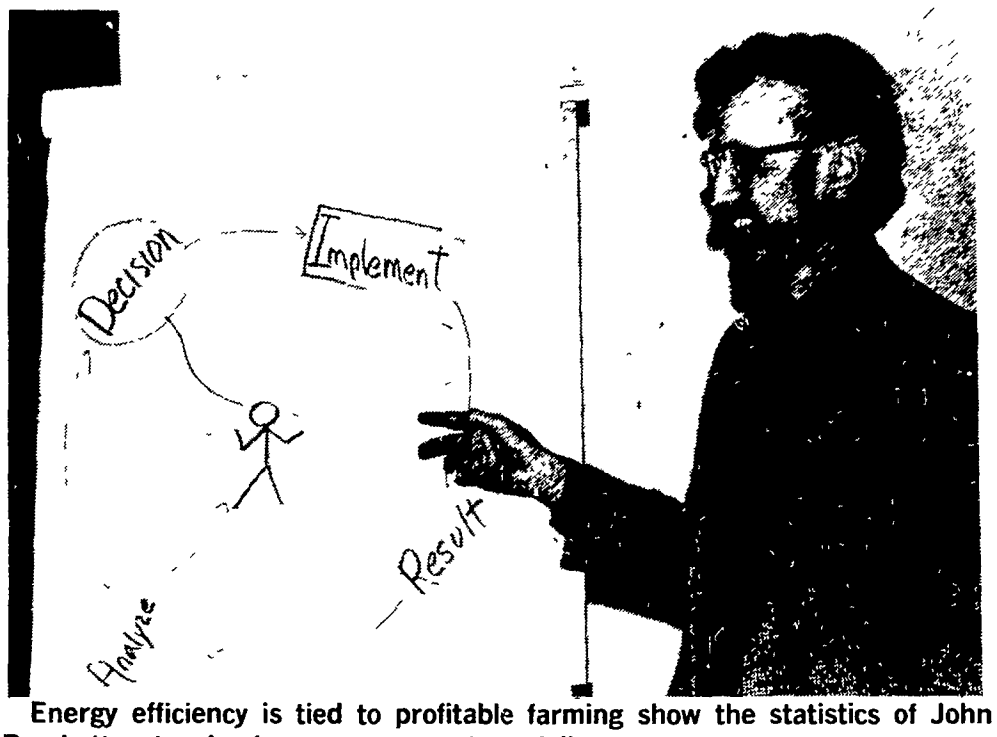
Energy company manager says 12% profit isn't excessive

YORK — "We in the industry don't get invited out much these days," quipped speaker Chapin Burks to his York audience. Questions aimed at the regional manager of public affairs for the Exxon Company following his presentation should have told him why.

Berks was key speaker at the 17th annual Agri-Business seminar, sponsored jointly by the York Extension service and the area Chamber of Commerce on last Thursday at Avalong Farms Restaurant. Focus of the day-long meeting was on energy.

Members of the audience of 150 fired questions at the Exxon representative, seeking explanations for the record profits being declared repeatedly for the past several quarters by the oil industry. The Exxon corporation set new records with over four billion dollars in earnings during 1979.



Energy efficiency is tied to profitable farming show the statistics of John Brockett, extension farm management specialist.

Burks said Exxon's profits are five cents on every dollar, or four cents on each gallon of product sold; and the massive profits simply reflect the huge volume of business done.

Of the five cents profit per dollar, two cents is paid back to investors and three cents goes for reinvestment. Return on the corporate investment is about 12 percent, which Burks claimed is lower than the return on investment for most manufacturing concerns.

"At best, we are decades away from non-depleting forms of energy," he told the farmers and agri-business representatives. One step toward filling the short supply of petroleum products is a synthetic fuels plant being constructed in Texas, a joint effort between the government, Exxon and other oil corporations.

Snythetic plants take between six and eight years to build and cost four billion dollars each. Almost 370 billion dollars would be needed to fulfill the projected snythetic needs, thus eliminating synthetics as a ready candidate to ease fuel supplies in the early '80's.

Critics of the fuel industry have accused the oil companies of shipping domestic crude to Japan, pumped from Alaska via the pipeline to the West coast harbors. Burks denied that such action has ever taken place, and said that, by law, Alaskan crude must remain in the country.

Coal and nuclear have the capabilities to outproduce the demand, experts believe, but environmental concerns are slowing the use of both, especially the building of new nuclear plants. Usage of coal is expected to triple in twenty years, while natural gas will decline.

A large share of the coal tonnage will likely come from the Western states, where the black rock deposits are lower in sulfur, creating less pollution problems, and more easily obtained through surface mining.

Solar, highly acclaimed as an energy alternate, has an unlimited potential if the costs, installation, and servicing needs were less costly. Burks noted if every new home between now and the year 2000 were totally solar-run, it would still replace only two percent of the nation's energy needs.

Extension speaker John Brockett told farmers that their management of energy is now becoming almost as important a priority as labor management.

Brockett is a farm management specialist with Penn State who's made extensive time and labor studies on farm jobs and how they relate to management and productivity.

"One hundred percent of farmers need to soil test," insists Brockett, citing fertilizer and limited spray programs as one place

(Turn to Page A18)

Exxon Corporation public affairs manager Chapin Burks says the oil industry is not earning unreasonable profits.

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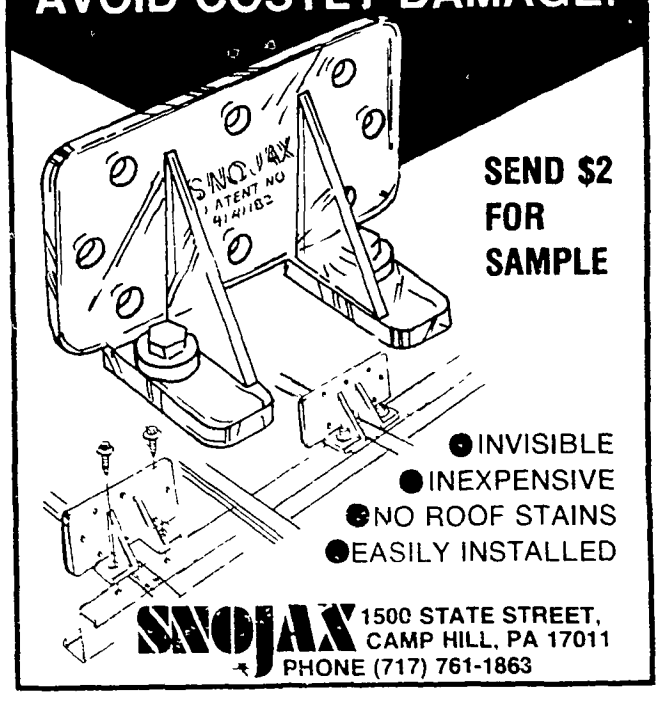

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N.J. soybean growers must vote by March 15

SALEM, NJ — New Jersey soybean producers have until March 15, 1980, to vote on a referendum establishing a New Jersey grower investment checkoff program for soybeans.

If passed, the referendum would allow automatic deduction of one cent per bushel at the first point of sale. Funds from the grower investment program can be invested only for market development, research and education programs for soybeans.

Ballots for the referendum vote were mailed to New Jersey growers on January 15, according to Preston Ware, a soybean grower from Salem. Ware says the program will begin if approved by 65 percent of voting soybean growers representing 51 percent of production or if approved by 51 percent of those voting representing 65 percent of production of those voting.

"Soybeans are the number one cash crop and the number one farm export in New Jersey," says Ware, pointing out that in the past nine years, planted acreage of New Jersey soybeans has increased 50,000 acres to a total of 210,000 acres. Soybeans in New Jersey now have a total value of $42 million or about $20,000 for the average New Jersey producer," he said.

"This tremedous growth in soybean production, exports and profitability has been no accident," says Ware. "It's the result of worldwide market development and research funded by the growers investment checkoff programs of over 400,000 soybean producers in 21 other soybean producing states. Increased funding is needed to take advantage of new export market opportunities that can be developed. New Jersey soybean producers certainly should be a part of this effort."

Ware points out that funds generated in the grower investment checkoff will be controlled by a soybean industry advisory panel appointed by the state board of agriculture. Panel members, who serve without pay, will include six soybean growers, one soybean processor representative, two soybean handlers or dealers, the dean of Cook College and the secretary of agriculture.

"Each grower investment checkoff dollar or the proceeds from the sale of 100 bushels of New Jersey soybeans would generate a dollar from the U.S. Department of Agriculture's Foreign Agriculture Service (FAS)," says Ware, adding that "an additional three to five dollars also comes into the market development program from companies in other countries that are encouraged to join in the effort as a result of soybean producers' self-help program. As a result of these additional investments, each checkoff dollar generates nearly $1,000 in international soybean sales," says Ware.

Checkoff dollars from 21 states now investing in market development now go to more than 150 programs in 76 countries. One of the most impressive success stories has been Southeast Asia where the market for U.S. soybeans has been growing rapidly.

"When the Japan office of ASA opened in 1956, that country imported 28.3 million bushels of soybeans, 85 percent of them from the U.S. In 1978, Japan imported 150.5 million bushels, 97 percent of which came from the U.S.," says Ware.

"The ten-year-old market development program in Taiwan has helped make that nation of only 17 million people the fifth largest market for U.S. soybeans. In 1978 Taiwan bought 36.7 million bushels of soybeans, 100 percent from the U.S.," Ware continued.

Korea, where the market for U.S. soybeans has been increasing at the phenomenal rate of 32 percent per year, is the site of one of ASA's newest offices.

Rapid growth of other markets in Southeast Asia—including the Philippines, Malaysia, Thailand, Indonesia and the city-state of Singapore—has moved ASA to also open an office in Singapore during 1979.

The animal nutrition sector has provided some of most encouraging results.

"When ASA began its market development work in Japan in 1956, soybean meal constituted only 4.4 percent of the average animal ration. By 1978 that percentage had been increased to 11.4 percent. During the same period, feed production there increased from 1.1 million metric tons to over 21 million, as the Japanese economy and livestock population expanded together," says Ware.

"The staff's goal is to increase the soybean meal percentage of rations to 15 percent. It calculates that for each half percentage point which soybean meal gains, Japan will import an additional 3.7 million bushels of soybeans," Ware adds.

Ware notes that investment in soybean research in another area where investment checkoff dollars work for producers. In addition to research to reduce production costs through improved management practices, new soybean varieties and other basic soybean research, grower funds are invested in utilization studies to find new uses for soybeans and soybean products.

Work now underway includes projects to develop more efficient harvesting equipment, development of more efficient and soil conserving tillage equipment and research to reduce the linolenic acid content of soy oil.

"New Jersey soybean producers can benefit from participation in the grower investment program," says Ware. "A 'yes' vote on the referendum will allow New Jersey producers to join the nation in market development and research efforts and will help us continue leading the world in producing and marketing soybeans and soybean products," he concludes.

Schuylkill Co. DHIA officers announced

SCHUYLKILL HAVEN — The 1980 officers for the county's DHIA board were recently announced.

Serving as president is Carl W. Brown, R3 Pine Grove. Assisting him as the vice-president will be Dennis Daubert, R2 Pine Grove. The secretary-treasurer for 1980 is Wilbert Moyer, R1 Schuylkill Haven.

Other directors include: Kermit Kahler, R1 Pitman; Bruce Leatherman, R1 Tamaqua; Franklin Troxell, R1 Andreas; Carl W. Brown, R3 Pine Grove; Dennis Daubert, R2 Pine Grove; Marlin Lesher, RD Pitman; Leroy Heisler, R1 Tamaqua; Wayne Kurtz, R2 Pine Grove; and Wilbert Moyer, R1 Schuylkill Haven.

***

A modern Twin Rotor combine can harvest $118,000 worth of soybeans a day at current soybean prices.

Family estate planning February 6 and 15

NORRISTOWN — A two day family estate planning clinic has been scheduled to help families with estate planning.

All are invited to attend one or both days 10 a.m. to 3 p.m. at the Holiday Inn, Kulpsville. Wednesday, February 6 will include topics on Wills, Taxes, Property Ownership, Trusts, Gifts and Important papers. Speakers will be Penn State Specialists Fred Hughes, Attorney Samuel Swansen, Ambler and Stephen Carroll, Trust Department, Continental Bank.

The Friday, February 15 session will cover mainly farm topics of partnerships, corporations, insurance, sales agreements, purchase options, and valuation. Speakers will be Penn State Specialists Jesse Cooper and Virgil Crowley.

Non-farm families are especially encouraged to attend the February 6 session.

Pre-registration is necessary and can be done by contacting the Penn State Extension Office, 400 Markley Street, Norristown 19401, 215/277-0574.

Energy company

(Continued from Page A17)

where energy usage might be cut back.

Fertilizer and farm chemicals continue to be the largest single agriculture energy consumer, as well as one of the high cost imputs on the farm expense sheets.

Computerized farm analysis of several dozen dairy farms across the state showed a broad range of returns for each dollar spent on energy. Some farmers earned a return on only $12 for each energy dollar spent, while more efficient operators made $33.

Average return per dollar spent on energy was $15 with variables like crop programs, distance to fields and production yields.

Similar ranges of efficiency held true in milk production per dollar of energy cost. While the most efficient dairyman made $79 worth of milk for a dollar of energy, another made only $15, and the average was $37.

Brockett's studies concluded that the highest profits went to dairymen showing the best energy efficiency through greater production and feed conversion rates.

In order for Pennsylvania farmers to have ready help in making management decisions, Brockett suggests that a centralized computer system be set up at the University. Terminals to that computer could be established both in the counties extension offices and in the offices of individual farmers. — JB

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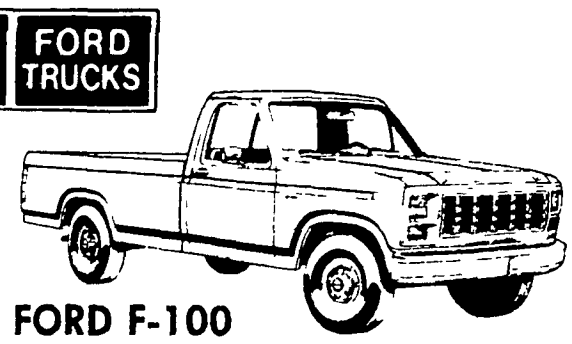

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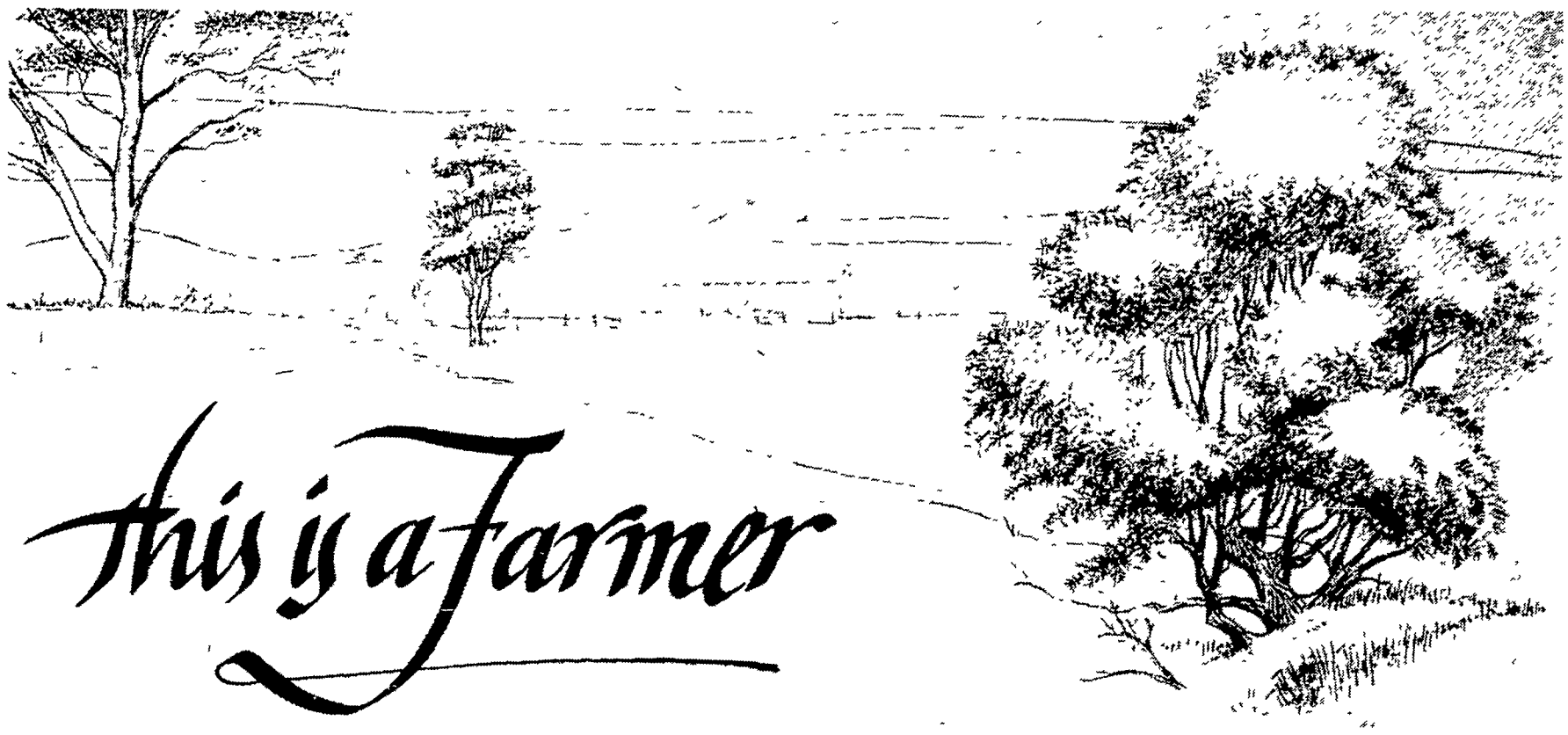

this is a farmer

Farmers are found in fields plowing up, seeding down, returning from, planting to, fertilizing with, spraying for and harvesting it. Wives help them, little boys follow them, the Agriculture Department confuses them, salesmen detain them, meals wait for them, weather can delay them, but it takes Heaven to stop them.

When it's time to buy a new truck he can quote from memory every expense involved in operating the farm last year, plus the added expenses he is certain will crop up this year. He instinctively converts the price to the pounds of pork he must produce in order to pay for it at today's prices.

A farmer is a shirt-sleeved executive with his home his office; a scientist using fertilizer attachments, a purchasing agent wearing a cap; a personnel director with grease on his hands, a nutritionist with a concern for energy values, animals and antibiotics. As a production expert he's faced with a surplus; while as a manager he's always battling a price cost squeeze handling more capital than most of the businessmen on Main Street.

He's not much for droughts, ditches, disease, weeds, experts, the four-day week, helping with housework or bugs.

Nobody else is so far from the telephone or so close to God. His greatest fringe benefit is that his family shares his business life. He's himself; you'll never find him trying to appear as something he's not.

Who else can remove all those things from his pockets and on washday still have overlooked five washers, a rusty bolt, three feed pellets, the stub of a lead pencil, and an old receipt.

A farmer is both faith and fatalist — he must have faith to continually meet the challenges of his capacities amid ever present possibilities that an act of God (a late spring, an early frost, blight, tornado, hail, flood, or drought) can bring his business to a standstill.

He is privileged to see the sun rise through smog-free air and to walk under open sky. His closeness to nature strengthens his faith. By his hand alone he produces enough to feed so many it makes his production capacity the envy of the rest of the world.

You can reduce his acreage, but you can't restrain his ambition. Even when his spirit is low and things seem bleak, he can be recharged anew when he hears "The market is up."

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Ag consultant doubts it

Can the world afford to feed itself

TUCSON, ARIZ. — Our most pressing problem in the 1980s will be getting food to the world's needy people at a price that won't cause political unrest and violence, agricultural consultant Glen Allen said here recently.

Discounting predictions of world famines and food shortages, Allen, who has traveled to over 115 countries, said, "The question is not, can the world feed itself, but, can the world pay for food production and distribution?"

Speaking to the annual meeting of Livestock Marketing Association, Allen pointed out that only seven countries currently produce more food then they eat, and these nations represent 12 percent of the world's population.

"In other words, 88 percent of the people of the world depend on the other 12 percent in the food sphere to supply most or part of their food. This is an opportunity for marketing and distribution."

Allen defined the food sphere as all inputs and services required for the production of food stuffs, and ending with the consumption of the raw or processed products.

Raising the necessary money to market and distribute food, training local managers and organizing local projects raises very, very difficult questions, and there are no easy answers, he said.

Allen also said the question of redistribution of income and wealth is an extremely controversial area, and it could probably be the biggest event of the decade. He said many of the events of the 1980s will have this issue as the root of the problem.

Saying he didn't expect a world recession in the next decade, Allen also noted that, if there was one, it could bring about a redistribution of income where the rich get poorer, the poor get poorer

Another big question during the 1980s is "whether the philosophy of growth will remain intact.. I think we may come to accept much more of the limited or controlled growth philosphy." Allen said technological advances and computer analyses "will help up look at an option" involving controlled growth, "rather than growth for just growth's sake alone."

On the domestic front, Allen said the "key issues as we enter the decade are energy, inflation and food." Worker productivity and wages will be another major issue, he said, adding "Workers are getting behind, with 12.5 inflation and 7 to 10 percent wage hikes."

Concerning energy, Allen said, "We will probably be looking at $1.80 per gallon gasoline by the end of this year. That seems to be about the price that I would equate with the price of gasoline in most of the markets of the world when you adjust. .how they handle gasoline taxes."

Allen also offered some "technological forecasts" for the 1980s:

Genetic engineering – "I don't know how fast it's going to happen, but it's certainly been seen a great deal in the plant world; we've seen a bit of it in the animal world, and I think we're going to see a lot more of it."

Preventive medicine through nutrition – "You're going to have to eat food tailored to your needs. We're now in a position where we can look at an individual's (nutrition) needs a little bit better. Therefore, we'll be getting into some foods which will be engineered to be low in calories and fats, and so forth, for some individuals."

Meat will not be replaced by texturized vegetable protein – "I don't see that, I don't see the single cell doing that, and I don't see a pill replacing food in the current decade."

Development of joint ventures between farmers, industry and government agencies – "This is not a new concept. It was kicked off in the middle of the 1960s. We may not like it in its first form, but once one examines what the three parties are agreeing to, it's possible that it might work."

Allen spoke to the annual meeting of LMA, a Kansas City-based trade organization representing the marketing sector of the livestock industry

Legislative roundup

(Continued from Page A1)

used as a basis for his testimony a Penn State report entitled "Alternatives to the Property Tax for Financing Pennsylvania Public Schools"

The report, partially funded by PFA, was prepared by Theodore R Alter, a professor with the Penn State Department of Agricultural Economics and rural sociology

Mobilia told the four commission members at the meeting that the average farmer pays 6.94-percent of his taxable income into the school system, while the average non-farmer pays only 2.97-percent of his taxable income.

And while Mobilia pointed out that the property tax levied an uneven burden, it had some good points. It is a stable taxing device, it is under local control and people understand it.

He said he recognized the difficulty inherent in trying to devise a state-wide taxing philosophy that would apply equally to all school districts in Pennsylvania.

According to Robert Strauss, a Carnegie-Mellon University sociologist who heads up the commission's research activities, the hearing was well-attended, especially in the morning

He said the commission was formed in October by newly-elected Governor Dick Thornburgh to look into ways to make the state's taxing policies more equitable without any sacrifice in treasury revenues.

Wednesday's hearing, in addition to testimony from farmers, also heard from Erie area industrialists who talked about the impact state taxes have on economic development and job creation in the state

The group meets again in Scranton later this month to discuss the taxation of energy and banks.

In Washington, Congress is set to repeal the controversial carry-over basis provision for the taxation of inherited property, according to a spokesman for Rep. Allen E Ertel's office

Ertel is one of a number of Pennsylvania Congressmen working to repeal the 1976 law which changed the method by which estates are valued Prior to 1976, an estate was appraised at the time it passed into the hands of the deceased's beneficiaries

If the beneficiary then elected to sell the estate, his capital gains tax was computed on the increase in value from the time he inherited the property

However, the IRS in 1976 managed to get the lawmakers to approve a law which said the estate's value should be computed on the value of the property at the time it was acquired by the deceased

Needless to say, it would have been difficult to determine original property values of farms that have been passed down from generation to generation. The law was so unpopular that it has never been implemented, and is now on the verge of repeal

Farmers' social security payments were another item for discussion in Washington over the past few weeks, according to Ertel's office

According to present social security policy, a farmer who retires, for example, in the fall after his crop is harvested, can collect social security benefits right away And if he never sells the corn he's harvested, he can continue receiving benefits without a hitch

If he does sell the corn, however, his benefits are reduced, maybe even wiped out if he gets a good enough price

According to the Ertel spokesman, the policy was seen as unfair, because the farmer was being paid for work done before he retired

It also unfairly hits some other people with delayed compensations, such as life insurance agents, accountants and attorneys. - DW

Farm Calendar

(Continued from Page 10)

Garden Spot Young Farmers Manure Management meeting, 7:30 p m , Union Grove School

Animal Health Information Day sponsored by Animal Medic, Inc , 8 a m , Lancaster Co Farm and Home Center

Dauphin Co Farm Financial Management meeting, 10 a m , Extension Office

Cumberland Co Dairy Herd Reproductive School, 9:15 a m., Embers Restaurant, Carlisle, continues thru the 6th

Wednesday, February 6

Montgomery Co. Family Estate Planning meeting, 10 a.m , Holiday Inn, Kulpsville

D H I A Reports meeting for feedmen, 1 p m , Lancaster Co Farm and Home Center

Hunterdon Co Board of Agriculture meeting, 8 p m , Extension Center

Pennsylvania Young Farmers Assoc. Convention, continues thru the 7th, Sheraton Inn, Gettysburg

Thursday, February 7

Lebanon Co. Extension Bus Trip to Philadelphia Fabric District

French Creek meeting sponsored by Grange, 8 p m , East Vincent Twp Building.

Lancaster Co 4-H Beef & Sheep Banquet, 6:30 p m., Farm and Home Center

Friday, February 8

Lancaster Co Swine Assoc Banquet, 6 30 p m., Harvest Drive Restaurant

Penna Egg Marketing Assoc meeting, 7 p m., Sheraton Conestoga Village, Lancaster

Saturday, February 9

Delaware Holstein Assoc. annual meeting, Bridgeville.

Now Is The Time

(Continued from Page A10)

exist. This manure cover will not only protect the roots from cold weather but will supply some nitrogen and other fertilizer elements. When applied on the ground when it is frozen, there will be little damage to the wheat plants

This practice should not be applied on fields sloping toward public streams.

Since fertilizer costs are headed upward this spring, this manure application could take the place of commercial fertilizer being applied in March

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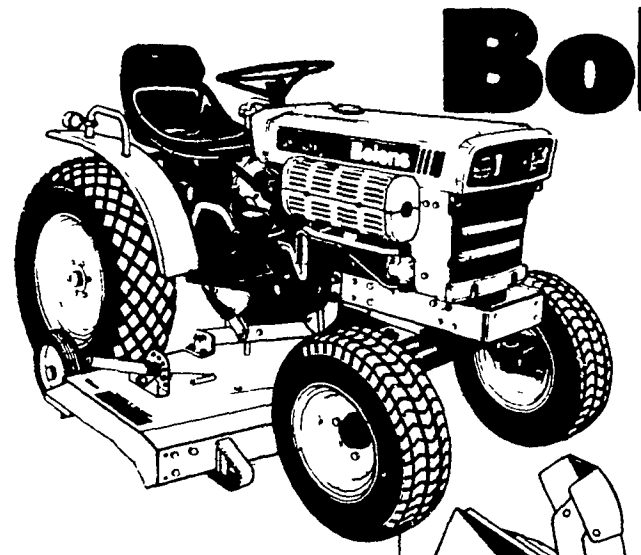

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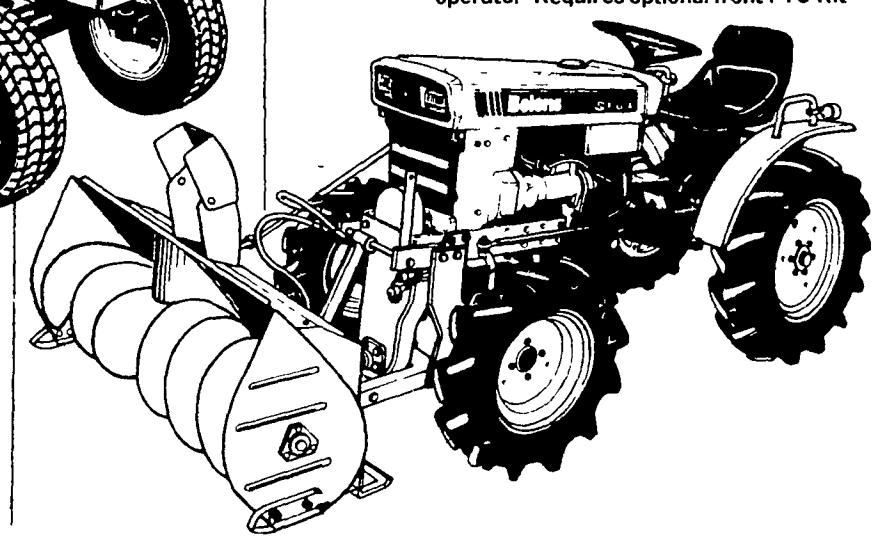

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The Cumberland Co. Agriculture and Home Economics Assoc. recently elected officers for 1980. Robert Berkheimer, R2 Mechanicsburg, left, was elected president and Eugene Miller, 515 Garland Drive, Carlisle, was re-elected vice-president of the Board of Directors. Shown with the two officers is Rosemarie Peiffer, who will be representing the Cumberland Co. commissioners.

The Cumberland Co. Extension recognized past County Commissioner Raymond Sawyer, Jr. for his support at their annual meeting held recently at the South Middleton Fire Hall, Boiling Springs. Past president, Mark Naugle, right, and Marion Deppen, Regional Assistant Director, left, made the presentations. With Commissioner Sawyer is his wife, Gladys.

Town meeting

(Continued from Page A1)

Agriculture Department and ag organizations were on hand to ask questions and make comments.

Labor problems held sway from the beginning.

Leon Wilkinson, Chester County, urged the Deputy Secretary to push for better interpretation of labor laws.

He pointed out the damage done to the state's mushroom industry by bureaucrats who don't know where their fields are and who make farming difficult for growers

Alan Bair, of Atlantic Breeders Co-op, and John Brubaker, representing the State Meat Processors Association, brought up the problem of workmens compensation.

Individual farmers and farm employers both are burdened with high payments for workmens' compensation and unemployment compensation

Heim said the problem was liberalized benefits. "The only way to correct the problem is to correct the abuses," he said

The two state senators, Richard Snyder and Clarence Manbeck, pointed out there is a package of eight bills in the Senate, but all are bottled up by labor sympathizers

Snyder, who is on the Labor committee, said there are six hearings on the matter scheduled for March, April and May.

He said those who oppose the measures are likely to "hearing them to death"

But he added there is a parliamentary way to get the bill package moving as soon as they have the 26 necessary votes.

"The back door is the way to get it done," he said.

Donald Hershey, Manheim farmer, asked Heim why farmers can't get money for farm stills when the Department is making such a big ado over their potential for gasohol production

Heim admitted banks regard such loans as risk capital But he noted the government is going to help farmers obtain money and said he believed Farmers Home Administration may make funds available for this purpose.

Dr. Everett Denlinger, a vet who formerly practiced in Paradise and who served as a regulatory vet for the Department of Agriculture, questioned whether the Department could handle an outbreak of contageous disease.

He noted a shortage of veterinarians in the Department.

"I think we could control it," Heim said. But he added the Department is concerned and needs additional help

He did not look happy when he mentioned the Department budget and said salary scale for vets is a problem

Heim said the Department is working to assure enough fuel for agriculture's support agencies, both suppliers and haulers

But he admitted there is no firm plan. "We would hope the Energy Council can work it out," he said.

John Chapman, a Lancaster County farmer, asked why the youth and 4-H livestock display area at Farm Show was cut He said he felt the worst place to cut was in the youth exhibits

Heim said all livestock exhibit space was cut by 8 percent, commercial space by 10 percent.

"From an economic point of view the commercial cutback was worst," Heim said. "We lost $30,000 from the commercial exhibitors"

In reply to a question from County Agent Max Smith Heim said parking at Farm Show would be improved next year.

He said the parking security "did a lousy job."

He said they could have parked 20 percent more cars and because they did not the Farm Show lost $600 a day.

When asked about the lack of funding for tile drainage from ASCS, Heim pointed out it was a federal program

The question of utilities charging high rents for land under rights of way was raised.

"Keep the pressure on," Heim advised as a way to correct the problem.

Heim concluded the meeting by saying the Department hopes to run other town meetings in the future.

He called the program "an attempt to run a bureaucracy like a democracy."

Other meeting sites around the state included Erie, Warrendale, Carlisle, and Tunkhannock—perhaps the most firey of the sessions. There Heim found himself the target of questions on milk security from 125 farmers and State Representative Carmel Sirianni.

At that town meeting, Sirianni accused the Department of agreeing to sit down with co-ops and talk about milk security but never following through

Harvest garden in three days

MEDIA — You can harvest a garden in just three days. An economical and nutritious garden of crunch sprouts in a glass jar on your own kitchen counter Sprouted grains and beans have about three times the vitamin C and protein of an equal weight of iceberg lettuce. True, some stores sell sprouts fresh; but home-grown sprouts cost about one-tenth as much. You don't need soil or exotic seeds according to Greta C. Vairo, Extension Home Economist with The Penn State Extension Service. You could buy dollars worth of special contraptions, but it is all unnecessary because all you really need is a 1 or 2 quart jar, even a large empty peanut butter jar; a screen of wire or nylon net or cheesecloth; and a canning jar ring or a rubber band. And you can sprout lentils from your grocer's shelf. Peppery lentil sprouts replace celery and green peppers cheaply in all kinds of cookery.

You can shop at an oriental grocery for mung beans. These have a milder taste that sometimes appeals to the beginning sprout eater. Mung bean sprouts are the kind you find canned in your grocer's Chinese food section. But once you try them fresh, you may never go back to the canned. As for smaller seeds, you may need to buy sprouting seeds from a health food store; regular packaged farm and garden seeds may be treated with fungicides that are difficult to wash off.

To sprout seeds, rinse one-fourth cup of the lentils or beans or rinse 1 tablespoon of the small seeds. Remove all broken and mashed seeds. Then soak the unbroken seeds overnight in the jar with some warm water to cover. Attach the screen with a rubber band or jar ring. Invert the jar; drain the seeds; and rinse and drain again.

Rinse and drain the sprouts two to four times daily until the sprouts are one-half to 1 inch long. For alfalfa sprouts, that's two to three days; for mung beans, three to four days

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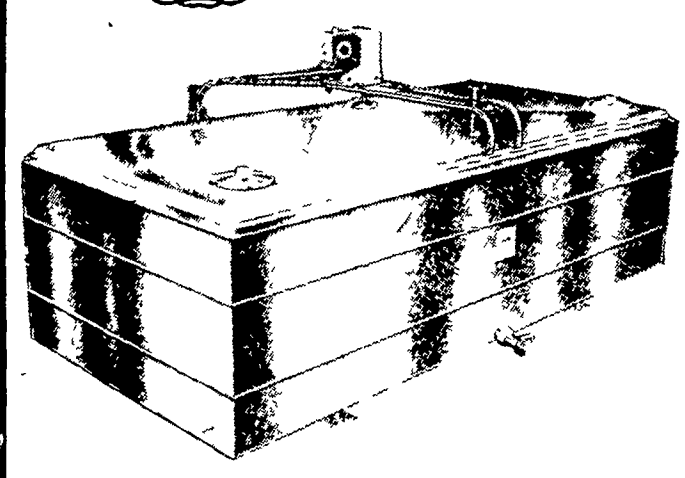

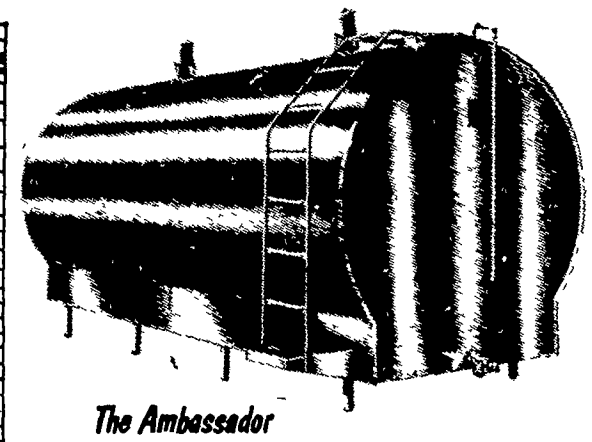

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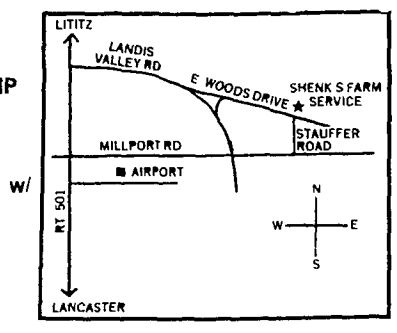

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New flower selections tested at Penn State

Those millions of seed catalogs in American homes this winter feature four new All-American flower selections tested in the trial garden of the Pennsylvania State University.

The new varieties are Peter Pan flame zinnia, dwarf crested French-Janie marigold, Sangria verbena, and Holiday Time ornamental pepper.

Marvin E. Runner, in charge of the Penn State project, said 60 selections of newly developed annual flowers, plus countless commercial comparisons, are grown annually at the trial garden along University Drive near Beaver Stadium.

Dr. Runner not only supervises the Penn State garden but also serves as an official judge for All-America Selections (AAS), the non-profit educational organization for evaluating new varieties of annual flowers and vegetables.

The AAS, says Dr. Runner, is the only accepted rating system in North America for seed-grown flower varieties. Similar programs exist in Europe and England—the Fleuroselect and All-Britian awards. All-American Selection trials in the U.S. are carried out in 30 gardens across the nation.

In addition to All-America Selection entires, last summer's trial garden included 528 samples of seed from 19 other seedsmen and hybridizers, both U.S. and foreign.

Summer visitors to the garden discover what Dr. Runner describes as "a liberal sprinkling of newly introduced varieties appearing for the first time." There are also dozens of pre-introduction or experimental cultivars developed by plant breeders.

Serving as a convenient outdoor laboratory, the trial garden attracts students, landscapers, home gardeners, and seedsmen from distant states and foreign countries to study the several acres of plantings.

"Evaluation of new varieties determines their value for the home gardener as well as for the bedding plant industry," Dr. Runner explained. "Likewise, advanced cultural practices are demonstrated. We make certain that the plants grow and flower to their full potential," he added.

The following list represents a small group of new annual flower selections tested last summer at Penn State. Some will be available to the public in 1980:

Sprite snapdragon; Magic Carpet miniature snapdragon; Spindrift ageratum, a white color; Blue Victoria salvia farinacea; White Flash petunia; Salmon Cloud petunia; Starburst petunia, a grandiflora rose and white bicolor; Summer Sun petunia, a yellow color; Montrose lavatera; Frosted Mixture centaurea; Peter Pan Cream zinnia.

Bouquet Scarlet zinnia; Snowfire dianthus; Royal Velvet and Yellow Velvet mimulus; Coco Duocolor begonia; Hot Tip begonia; Novette Bright Orange impatiens; Super Elfin impatiens; Blitz impatiens; Queen Bee marigold; Happy Orange and Happy Red marigold; and Nicki-Red nicotiana.

Details on the Penn State trial garden will be published in an upcoming issue of "Science in Agriculture," the quarterly magazine of the Agricultural Experiment Station at Penn State. To get on the free mailing list, write to 229 Agricultural Administration Building, University Park, PA 16802

Bradford extension plans activities

BY JANE BRESEE
Staff Correspondent

TOWANDA — The executive committee of the Bradford County Extension Service met recently at the County Extension Office in Towanda, Pennsylvania, for the annual reorganization meeting. Perfect attendance for both staff and board were noted.

Jeff Hale, president of the board, reviewed the previous year's activities reporting that the regional and state extension boards spent a great deal of time with the legislators convincing them that the extension services were suffering from the cut in staff and money over the past few years. As a result a million dollars from the state was forthcoming.

More agents and home economists have been hired including Miss Cathy Bakalar who has recently been hired by the Northern Tier Region as a nutrition specialist and is working out of the Towanda office.

Hale was also pleased to note that due to the petition of county citizens, Miss Levetta Roof has been hired as a full time county employee to work as the 4-H agent.

The main point of business was the concern that the amount of money allotted by the county for the cost of extension office expenses was going to be $5000 short.

A newly elected commissioner, Francis Douglas, was invited to lunch with the committee and confronted with the problem. He promised additional meetings with the other county commissioners for further discussion.

The Bradford County Extension Executive Committee appointed the following officers for 1980: seated left, Karen Harris, secretary; Jeff Hale, president; standing left, Gary Green, vice-president; Rose Smith, treasurer.

The county agents, Orville Yoder, director, Jake Guffey, and Al Homan, Home Economist, Linda Hulslander, and Levetta Roof, 4-H agent, gave written reports of activities for the coming year.

According to Yoder, the Northern Tier region comprised of Wyoming, Sullivan, Susquehanna, Tioga, and Bradford Counties is the only region with its own board which is composed of two delegates from each county. Andy Dewing was appointed to serve with Rosa Wilcox. Duane Lewis and Ellen Faust are alternates.

The officers elected for 1980 are as follows: Jeff Hale, president; Gary Green, vice president; Karen Harris, secretary; and Rose Smith, treasurer.

Other board members are: Ellen Faust, Robert Whipple, Carrie Wilcox, Andy Dewing, Bob Taylor, Rosa Wilcox, Duane Lewis and Jane Bresee.

The next meeting of the Bradford County Extension Executive Board will be March 27, at 8:15 at the Extension office.

York horse club forming

YORK — A new 4-H Horse Club is being organized in the Felton Area. The club will have information for both English and Western Riding members. A complete 4-H Program will be offered to the members. Members must be 8 years of age and not have passed their 19th birthday.

The first meeting will be Wednesday, February 13th at 7 00. The meeting will be held at the home of Kimberly Hines, R2, Foulton School Road, Felton. The organizational leaders will be Mrs Susan Schmidt, 1 Sawmill Road, Stewartstown R2, Phone - 933-3034, who has had 4-H experience in Maryland; and Mr. & Mrs. Kim Myers, Rt. 3 Box 1155, Felton, Phone 244-3970, who have English and Western experience and have been 4-H members in the past Youth interested in joining may call the leaders or be present at the clubs first meeting.

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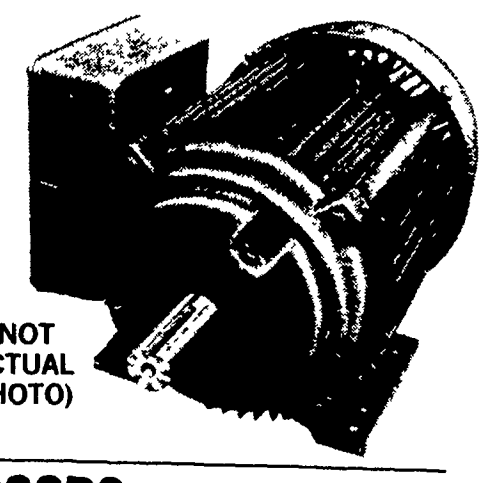

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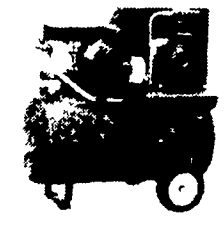

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Income tax could replace property tax

UNIVERSITY PARK — Replacing the school property tax with an income tax would lower tax burdens for many people, an economist at Penn State suggests.

"Citizens must be concerned, however, with what is given up if the property tax is no longer used to finance schools," declared Theodore R. Alter, agricultural economist with the College of Agriculture at Penn State.

Alter said a series of court cases since about 1970 has raised serious questions regarding the role of the property tax in financing schools.

The courts, in general, have objected to school finance systems where the quality of a student's education appears to be determined largely by school district property wealth. In general, state aid to equalize such discrepancies among school districts has been inadequate, Alter pointed out.

Using 1975 as a typical year, Alter and associates found that property taxes in Pennsylvania ranged from 7.5 per cent of income for farmers with the lowest income to 1.4 per cent of income for nonfarmers with the highest incomes.

Farm tax burdens were consistently higher than those of nonfarmers for all income groups and in total, he added.

Dissatisfactions with the property tax exist on the part of both citizens and government officials, Alter reported.

The property tax is inconvenient in that many taxpayers must make large, lump sum payments once or twice a year. Also, the tax seems uncertain to many people due to the seemingly complicated way of making assessments, millage rates, and tax levies.

The property tax is often viewed as inefficient, it was stated, since it tends to encourage urban sprawl and the conversion of farm and other open spaces to higher, more intensive uses. And the property tax, Alter pointed out, sometimes causes communities to compete for tax base while minimizing service costs.

This latter situation, he said, can distort the distribution of development and public services among communities.

Additionally, the property tax is considered inequitable, since many people believe such tax burdens fall more heavily on the poor than the rich. Also, most people see little relationship between property tax payments and the benefits from public services.

Property tax reform generally means three things, it was pointed out. First, there is the possibility of improving administration of the current system.

Second, the current property tax can sometimes be modified to make it more equitable and to reduce other negative aspects. A third reform is to substitute, completely or partially, another tax source for property tax.

Alter and associates studied both local and state income taxes as full substitutes for the 1975 school property tax.

They found that a local flat rate income tax would generally lead to the greatest decrease in tax burdens for most taxpayers.

The local flat rate tax was followed in order of effectiveness by, first, a combined flat rate state and local income tax, and second, by a flat rate state income tax for schools.

Under each of these alternatives, taxes for farmers would on the averge be reduced significantly, it was stated. For nonfarmers, taxes would be reduced on the average except for people with incomes over $15,000 where 1975 school property taxes were levied at 1.4 per cent of income.

The increases, however, would be less than the tax reductions experienced by other nonfarm and farm taxpayers.

Variations in local property and income tax bases would result in some differences from this general summary of tax burden changes, Alter noted.

In defense of the property tax, Alter said it is a productive source of revenue. Then too, property tax decisions keep citizens keenly aware of, and involved in, decisions regarding school district revenue and expenditures.

"It is important to note," Alter commented, that many of the inefficiencies and inequities associated with the property tax could be made less severe through reforms of adminstration and policy within the existing property tax system."

He said the property tax is truly a local tax, in that most decisions regarding its use are made locally. Moving to a state income tax to finance schools could weaken the link between preferences for local expenditures and decisions to fund these expenditures, he observed.

The project was supported in part by fair funds administered by the Pennsylvania Department of Agriculture.

Vegetable oil sales protected

WASHINGTON, D.C. — Exporters who sell U.S. vegetable oils to Poland may apply for up to $3 million protection against payment defaults for non-commercial reasons, Kelly M. Harrison, general sales manager for the U.S. Department of Agriculture, announced today.

This protection is being offered under the Commodity Credit Corporation's non-commercial risk assurance program.

Under the $300 million in coverage offered earlier on U.S. exports to Poland, up to $112 million has been designated for feed grains, $34 million for wheat, $30.8 million for soybeans, $54.28 million for protein meals, $5 million for edible soy protein, $25 million for cotton, $8 million for tobacco, $5.95 million for tallow, and $3 million for vegetable oils. The remaining $21.97 million in commodity designations will be announced later.

Before applying for this protection, an exporter must have a sale calling for export no later than August 31, 1980. Applications must be submitted before the export is completed and the assurance fee must accompany the application.

The fee rate is 15.5 cents for $100 for six months; 23.2 cents per $100 for one year; 38.8 cents per $100 for two years; and 56 cents per $100 for three years, based on semiannual repayments of principal plus accrued interest. Based on equal annual repayments of principal plus accrued interest, the fee rate is 32.3 cents per $100 for one year; 49.2 cents per $100 for two years, and 67.9 cents per $100 for three years.

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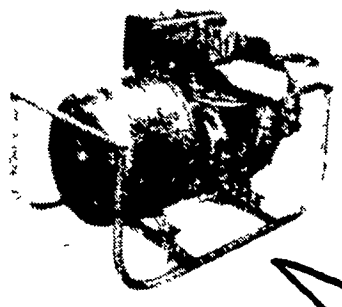

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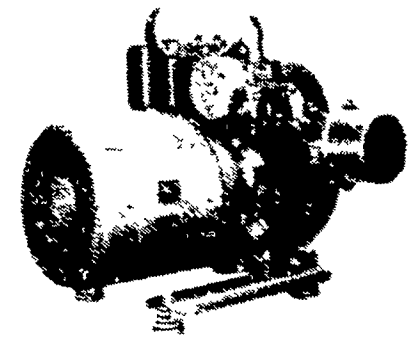

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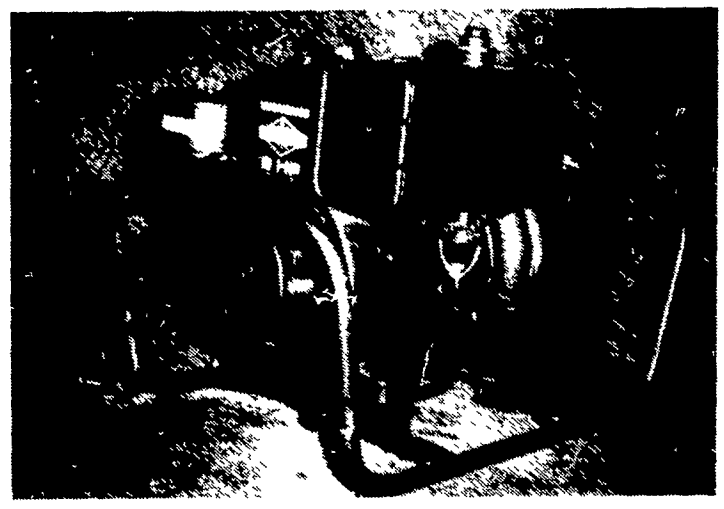

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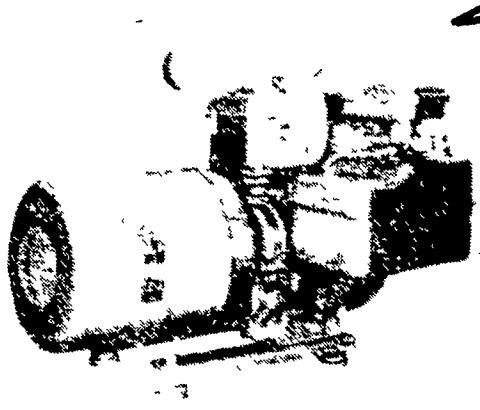

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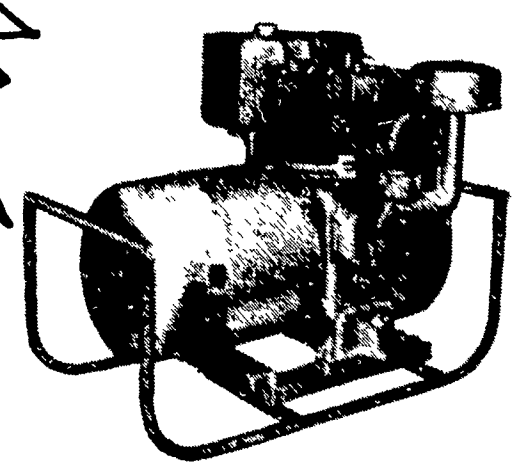

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Hits stock, inheritance taxes

Farmer labels property taxes inequitable

ERIE — Jesse Erickson, a grape grower and member of the State Grange Legislative Committee slammed the state property tax in a hearing held Wednesday.

The hearing, devoted to agriculture, was one of several held around the state on different aspects of state industry. The farm session was held in Erie.

Erickson outlined the Grange's position on property taxes, the state capitol stock tax, and inheritance taxes.

"Agriculture is a profession, which requires huge capital outlays for property, equipment, livestock, feeds, and fertilizer.

"Few farmers get rich from farming. Slender profit margins are the rule, these being dictated by the often tenuous balance between farm debt and farm income," Erickson said.

According to the 1978 Crop and Livestock Annual Summary, the average net income per farm in Pennsylvania in 1977 was $5435. As reported by the Pennsylvania Crop Reporting Service, taxes on farm property were the third highest production expense in that year, he said.

The property tax, in the Grange's opinion, is the single most inequitable tax in the Commonwealth, today. Because a farmer must own large tracts of land to operate his business, he is, in effect, carrying a larger portion of the burden of the school property tax than his non-farm neighbors.

The Clean and Green Act of 1973, preferential assessments, and Act 515 of 1965, covenants, were designed by legislators to provide relief from skyrocketing property taxes. In many areas of the state, especially the Southeast, Clean and Green and covenants help many farmers to keep their operations in agriculture, where high property taxes might have already forced them to sell out, he told the hearing.

Farmers still pay large portions of their income for school property taxes. According to the United States Department of Agriculture in 1976, 34 percent of net farm income was used to pay the school property tax.

It is the belief of the Grange that the collection of a local net income tax would be a more equitable way to support public schools. According to a study performed by the Agricultural Economics Department at Penn State, adequate revenues for the school property tax could be generated from a local net income tax "at reasonable tax rates."

Like the property tax, it would be a local tax. A local tax allows the district's residents, who are aware of the needs of their district, to make their own expenditure and revenue decisions, Erickson said.

A side issue relating to the tax burden of the property tax is the money paid by the State in lieu of property taxes on publicly-owned land. The Commonwealth presently pays 20 cents per acre, which is then divided among the local municipality, the schools, and the county.

Because the acreage is not taxed, the difference must be made by the other residents of the area, the grape grower continued.

The State Grange believes this payment should be increased to 50 cents per acre, with 20 cents returning to the local municipality, 15 cents returned to the schools, and 15 cents to the county. This increased payment would lessen the burden on the area's residents to offset the deficit.

Another tax problem in the Commonwealth is the Capital Stock Tax. The major stumbling block preventing Pennsylvania farmers from incorporating is this one percent tax on corporate assets.

As mentioned before, while many farms have large capital outlays for property, equipment, and livestock, profits are slim. Hence, a one percent tax on a farm's assets is a major deterrent against farm incorporation, Erickson testified.

The benefits of incorporation, such as corporate liability and easing inheritance procedures, are made unavailable to the farmer who is unable to afford payment of this tax.

The State Inheritance Tax has created a financial hardship on the heirs of many farmers. When farms are valued at current market value rather than farm use value, the farmer's heirs often find that they must sell portions of their land to pay their Inheritance Taxes, he said.

Unless farms are valued at use value, more and more farms will be subdivided to pay the Inheritance Tax, rather than being kept in agriculture.

Also, on the subject of Inheritance Tax, is the rate of taxation. The rate for brothers, sisters, nieces, and nephews is 15 percent, while the rate for parents and children is six percent.

Partnerships in family farms often are not limited to parents and children. Brothers, sisters, nieces, and nephews are also members of these partnerships Thus, the Grange believes th same 6% rate should apply to these relatives, too.

The sales tax exemption for farmers is a welcome relief for agriculture And yet, without more of these kinds of aids to agriculture, the family farm will not survive in Pennsylvania.

With profits as low as they are now, and taxes ever on the increase, the future for Pennsylvania agriculture is bleak, he concluded.

Farm Bureau president criticizes State of Union

PARK RIDGE, Ill. — "Because of the grain embargo, farmers continue to carry a heavier burden than other Americans in the U.S.-Soviet Union dispute," the president of the American Farm Bureau Federation said here Wednesday as he expressed disappointment with President Carter's State of the Union message.

"We had hoped President Carter would announce a break in all economic, cultural and diplomatic ties with the Soviet Union except for those necessary to resolve this conflict," Robert B. Delano, AFBF president said.

"Instead, he left farmers and ranchers to carry the burden of the embargo by themselves."

Delano said he was disappointed that the president failed to make more mention of agriculture, one of the great strengths of America.

"We applaud President Carter for his desire to reduce deficit government spending and balance the federal budget," Delano said. "If the president and Congress follow through on this plan, many if not all, of our economic problems would be resolved."

The farm leader also was critical of the president's approach to the subject of energy, saying, "The State of the Union message failed to indicate that government is willing to make the necessary sacrifices to end our dependence on foreign oil."

Pointing out it is suspected that there are vast oil and gas reserves locked up in the huge wilderness areas of the western states, Delano said the nation would never be able to use those reserves unless government regulations are changed radically.

Ag transportation facts available from USDA

WASHINGTON, D.C. — The U.S. Department of Agriculture now has a fact sheet available to the public highlighting the rule of the department's Office of Transportation in the planning and development of national agricultural and rural transportation policies and programs.

Titled "Facts About USDA's Office of Transportation," is describes OT's responsibilities as the focal point for all USDA's transportation matters It explains why USDA consolidates its transportation activities, and the importance of transportation to agriculture

The four-page fact sheet identifies major transportation issues the office is dealing with, such as railcar shortages, high freight rates, rail line abandonments, and regulatory reforms.

Included in the fact sheet is a section summarizing the formation and role of the Rural Transportation Advisory Task Force, which recently completed its one-year appointment with a report to Congress.

Copies of the fact sheet may be ordered by writing to: Information Division, AMS, 3620-So., U.S Department of Agriculture, Washington, D C 20250.

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A truckload of firewood is...well...about...

HARRISBURG — "How much firewood can I haul in my standard size automobile?"

"I have a compact station wagon, how much firewood can it carry?"

"What kind of a truck do I need for a cord of firewood?"

These are typical questions people ask when they call the Department of Enviromental Resources about the department's firewood sale at the Farm Show Complex.

To help answer those questions, DER's Bureau of Forestry prepared a typical list of vehicles - pickup trucks, station wagons, standard size sedans, vans and trailers - which shows how much fuel wood the owner can "pack into" the vehicle.

A standard rough cord of wood is a stack four feet high by four feet wide by eight feet long.

An average size pickup truck will take one unit of any size wood This would include one-third, two fifths or one-half standard rough cord of 16, 20 or 24 inch wood.

One-half of a unit, including one-sixth, one-fifth and one-fourth of a standard rough cord, of 16 or 20 inch length wood can be crammed into a compact station wagon while a standard size wagon and mini-pickup truck will take one-half of a unit of any size wood including the 24 inch lengths.

An average sedan can handle about five bundles of firewood. A stake body truck will take a standard rough cord.

An open van will accomodate one unit of 16 or 20 inch size firewood, the same as the compact station wagon, while a small trailer can handle one-half of a unit of any size wood. A small trailer will accommodate one unit of any size firewood.

Firewood is still available at the Farm Show Complex from 9 a.m. until 5 p.m., Tuesdays through Saturdays. The wood is split, is primarily oak and well seasoned for use in a fireplace or wood stove.

Interest charges waived on grain reserve

WASHINGTON, D.C. — Secretary of Agriculture Bob Bergland announced today that farmers who placed corn in the grain reserve program between October 22 and January 7 will be eligible for waiver of the first year's interest charges.

October 22 was the date that immediate entry of 1978 and 1979 crops was authorized. January 7 was the day new reserve rules became effective.

To qualify for the interest waiver, farmers affected by the new announcement must contact their county office of the Agricultural Stabilization and Conservation Service to sign a new reserve agreement. Interest that will be waived is that which accrued beginning January 7.

Interest that accrued before January 7 will still be owed by the farmer.

Bergland said his decision was made as a matter of equity for those farmers who earlier had placed grain in the reserve.

On January 7, as one of the moves in response to suspension of grain sales to the USSR, first-year interest on grain in the reserve program had been waived.

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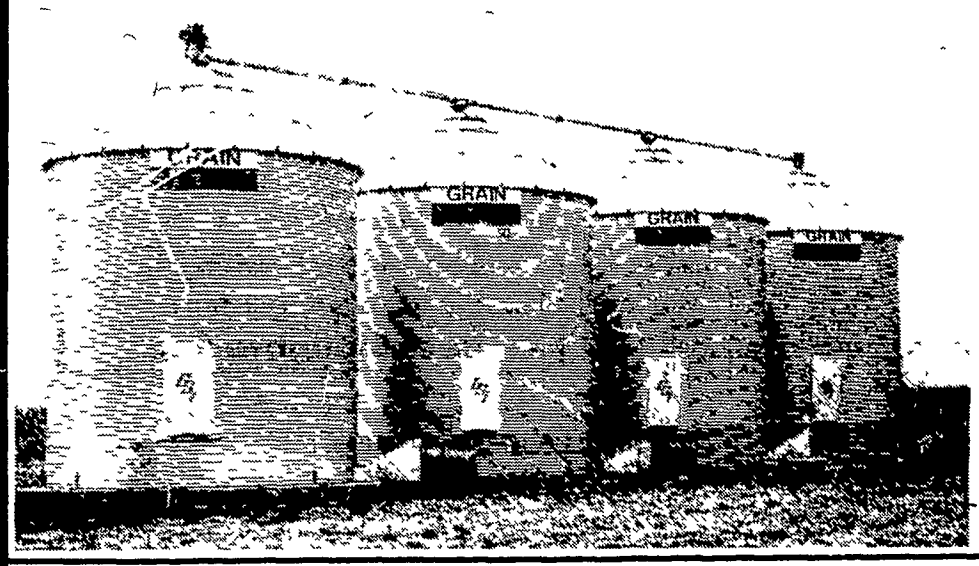

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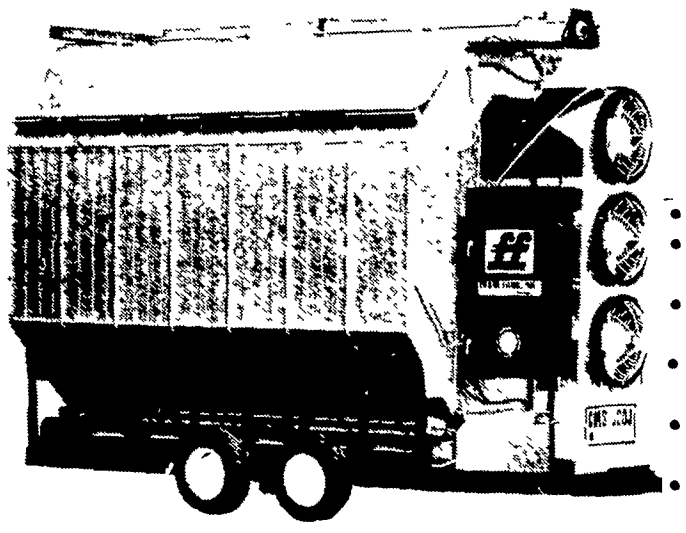

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Farm and Home Foundation holds 16th annual meeting

BY SALLY BAIR
Staff Correspondent

LANCASTER — Nearly 150 people attended the 16th annual meeting of the Farm and Home Foundation held at the Farm and Home Center Thursday. Christine Erb, Mount Joy, newly returned International 4-H Youth Exchange delegate, showed slides and spoke of her experiences while living and working with Japanese farm families.

Chris told the audience about Japanese agriculture, which is on a much smaller scale than in the United States, and described some of the daily living experiences she encountered.

Seven directors were elected to serve three year terms on the board. Newly elected directors include Elam Bollinger, Manheim R7; Kenneth Groff, Strasburg R2, and Melvin G. Rohrer, Lititz R3. Re-elected were: Vernon Leininger, Denver R3; Roy A. Brubaker, 700 Woodcrest Avenue, Lititz; Mrs. James Z. Martin, New Holland R2 and Clarence Keener, Manheim R1.

Foundation Board President Jay E. Landis gave special recognition to retiring directors Gary A. Dean, Strasburg; H. Raymond Stoner, Eden Road, Lancaster; and B. Snavely Garber, Willow Street R2. Stoner served for nine years and Garber participated as a member of the Board from the beginning of its existence, for 15 years.

Lancaster County Agricultural Agent M. M. Smith, chairman of the foundation's scholarship committee, reported that the committee selected 17 students to receive the $650 scholarship last year, from a total of 40 applicants.

Five scholarships were awarded in agriculture, five in home economics, and seven in nursing.

Smith noted that the amount given was raised this year, reflecting an increase in money available in the Esbenshade trust for scholarship progress. While no publicity will be given the 1980 program until later in the Spring, Smith said potential recipients are already inquiring about the scholarships.

Vocal selections were provided by Jeannette Martin, New Holland R2, accompanied by her mother, Mrs. James Z. Martin.

Following her presentation, Chris answered questions and displayed artifacts she had brought with her from Japan. For her talk she was dressed in an hand-embroidered, silk wedding kimona.

Maryland to launch bean beetle blitz

ANNAPOLIS, Md. — Soybean growers in the northern five Eastern Shore counties of Maryland are being asked to take part in a massive effort to combat the destructive Mexican Bean Beetle on soybeans in 1980.

Entomologists of the Maryland Department of Agriculture's Plant Protection Section say that if they can recruit 300 farmers who will be planting full season soybeans this year they can prove, once and for all, that Mexican bean beetle parasites can do the job of controlling the pest.

For several years, MDA and the Cooperative Extension Service have been working with farmers in using the parasites to curb bean beetle populations. Results have been mixed. In some cases good control has been achieved, but in other cases the results have been disappointing.

According to MDA's supervisor of pest management activities, William F. Gimpel, Jr., "1980 is the year we go all out in this program. We have discovered from our past work that, to be successful, the Mexican bean beetle control program requires a large number of parasites released at the proper time over a wide area. We, therefore, are planning an intensive control campaign for this year.

"In cooperation with the Maryland Extension Service we now want to sign up participating farmers. The basic requirements for a farmer to participate are that he have full season soybeans in his crop plans for 1980 and that he make available a plot one-quarter acre in size, for a 'nurse plot'.

"The nurse plot will be planted very early to snap beans and soybeans. The snap beans will attract early emerging adult Mexican bean beetles that are on the farm.

"Once the first population of beetles appears in the nurse plot we will introduce the parasites which are tiny wasps that lay eggs only in the Mexican bean beetle larvae. The parasite life cycle is completed in about two weeks resulting in a ten-fold population increase. There are six to eight cycles each season. The parasitic wasp is host specific and does not bother humans or other animals.

"Once a high parasite population is achieved in the nurse plot, the parasites quickly spread to the soybean fields where the real action, and benefit to farmers, takes place. The role of the parasite is to prevent the Mexican bean beetle population from increasing to damaging levels.

"We definitely believe that with better monitoring, proper timing of parasite release, and higher density levels of parasites, this program can do the job.

"For this project we need 85 nurse plots in Dorchester County, 65 in Talbot, 63 in Queen Anne's, 56 in Caroline and 31 in Kent", Gimpel said.

Farmers who are interested in signing up, or who want more information on the program, are asked to contact their county agricultural agent as soon as possible.

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Solar collector can dry grain

An inexpensive, easily-installed solar collector, Solar Pak II, designed to heat homes or outbuildings, is rapidly gaining attention.

Mounted on a metal frame near or attached to a building, Solar Pak II is an 8 x 12-foot polyethylene, solar collector, resembling an air mattress.

A window-mounted air handling unit takes cool air from the building, heats it in the collector using the sun's energy, and returns the warmed air to the heated space.

The unit provides about 15,000 B.T.U.'s of heat. It will increase temperatures by about 50°. In other words, it will keep an uninsulated area at 40-50 degrees when outside temperature is at 0.

Larger units of 8 x 24 feet have been used successfully as heat sources for one method of drying grain. They have cut drying time by one-third, and have substantially reduced electrical energy costs.

Solar Pak II emerged from the ingenuity of Lance Crombie, a farmer and microbiologist Ph.D, of Webseter, Minnesota.

Outraged by excessive propane gas costs to heat his 100 year-old farmhouse, Crombie designed and patented the mattress-like clear polyethylene collector and tested several units in the winter of 1977-78 Temperatures of up to 140° were recorded in the collector on a typical 25° winter day in the Minnesota area

By the winter of 1978-79, over 1,000 units were in use and other designs for industrial and commercial use were underway. In 1979, larger 8 x 24-foot units were discovered to have valuable application as alternative heat sources for grain drying.

Another reason for Chicago's Solar growth, has been the interest by consumers in taking advantage of the government's 30% energy tax credit. Solar Pak II qualifies for federal and applicable state energy tax credit.

A bill pending before Congress would increase federal tax credit to 50% of home energy improvements, retroactive to July 1979.

For more infomation, contact Terry Crombie, Chicago Solar, 5217 North Harlem Avenue, Chicago, Illinois 60656.

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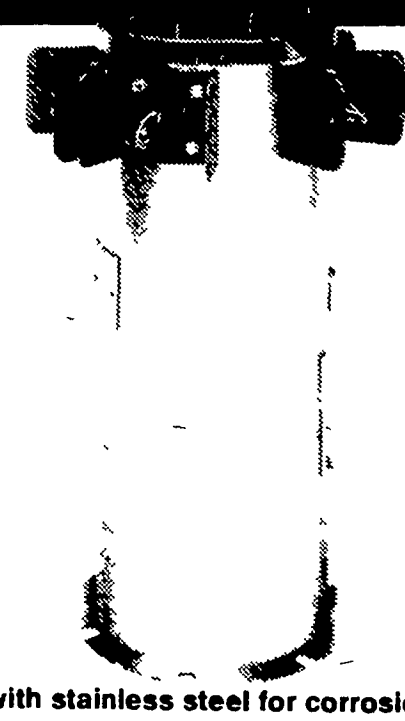

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Brief answers to short questions

Sheila's Shorts

By Sheila Miller

Registration problems?

There seems to be a lot of confusion about the beef referendum rules and regulations, not only in the cattlemen circles but also in the governmental agency supposed to be handling the program.

If you still haven't read about the basic information concerning this very important referendum, look for "Straight-talk on Beeferendum" in this issue.

In the past week, I've heard a few different questions pop up about who can register to vote in the up coming referendum. By the way, registration ends on Wednesday, February 6.

To try to get some answers to these important questions, I contacted Dick Penet, the head of Pennsylvania's Agricultural Stabilization and Conservation Service.

One of the questions that has been asked by a number of cattlemen is. "If both the husband and wife own cattle, can both register to vote or does the couple get only one vote?".

According to Penet, if the cattle are owned by each spouse independently, then both husband and wife are entitled to vote. But if the cattle are owned by the husband and wife jointly, they have only one vote in the upcoming referendum.

This same policy would apply to parents and children, Penet added. If the children own cattle independently of their parents, the children have voting privileges.

Another question that has surfaced in the last few days is the discrepancy between ASCS rules for community committee elections and the referendum.

When electing community committeemen, ASCS considers a husband-wife team with joint land ownership as two votes. But, in the referendum votes, for joint cattle ownership, there is only one vote

When asked what the reasoning was behind this turnabout in policy, Penet said that it's the way the regulations were written.

Some cattlemen expressed concern that their registration applications were not accepted by the county executive director for ASCS — it was being challenged based on the question of eligibility.

Penet explained that each CED has the authority to challenge any registration application, however the ASCS office should accept the application until evidence is submitted to prove or disprove eligibility.

The ASCS office has two weeks in which to challenge any registration between the close of registration and the start of balloting. And, even after a cattleman has voted, ASCS can challenge the ballot if necessary.

In the case where a spouse visits the ASCS office to register for a joint-ownership single ballot, the ASCS director can accept the registration from either the husband or the wife. "As long as there is sufficient evidence of eligibility, I don't see any reason why it should make a difference who registers," said Penet.

He added that anyone who is having problems registering, or who has a specific question concerning the referendum's rules should contact the ASCS office immediately.

When I asked him how the registration turn out was coming, he pointed out that it was very light.

With such an important issue at steak, I hope the trend changes until next Wednesday.

Can't forget the lambs.

In my January 12 column, I tracked down some information from the Virginia Department of Agriculture on their tel-o-auctions.

The info I got somehow neglected one very important part of our livestock industry — lambs.

Since then, I realized we were running special lamb tel-o-auctions, but we never heard where or when these were being held.

So, I got back on the telephone and called Virginia. This time I was directed to Ed Eller's office.

Ed wasn't in but his secretary, Kitty Cox, handled all of my questions like a pro.

She explained that the lamb tel-o-auctions were held every Friday at 11 a.m. Lambs were sold out of 12 markets.

The Virginia markets included Tazwell, Abington, Harrisonburg, Dublin, Churchville, and Monterey. In Kentucky, lambs came from Lexington, Danville, and Paris. And from West Virginia, they came from Alderson, Elkins, Marlinton, and Riverton.

Now, all of these lambs can be bought by calling one number. Roy Meek, at Dublin, runs the tel-o-auction and sells the lambs. His telephone number is 703/674-5311.

If you call Roy by Thursday afternoon, he can arrange to have you on a telephone hook-up that can handle 16 buyers. And, if you plan to buy on a regular weekly basis, the VaDA will be glad to put your name on a permanent list so that you are called automatically every Friday.

If you can't get through to Roy, Kitty told me you can call her or her supervisor Ed Eller by dialing 703/628-6261. They'll be able to arrange for the telephone hook-up too.

If you would rather sell lambs than buy them, Ed Eller will be able to fill you in on the consignment details.

New Jersey horse club meets

The Road Apple Gang 4-H Horse Club met on January 15, 1980. Lisa Ozysewski gave a demonstration on "Wind-Sucking & Cribbing". She described the causes and effects of each of them and also possible "cures."

The Club decided to hold another bake sale to help with club expenses. A tentative date of February 9 was set. The Club's last two bake sales were a success.

The next meeting will be on February 5 at the Buttonwood Stables at 6 P.M.

***

The 1979 harvest employed some 5 million American farm workers. The same harvest, before machines, would have taken 31 million people using 61 million horses and mules, according to Sperry New Holland.

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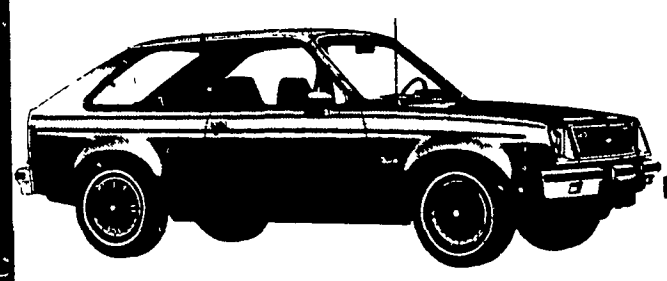

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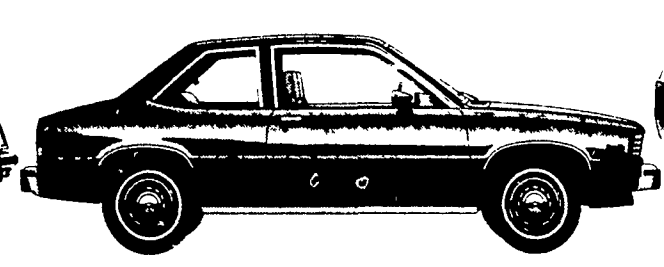

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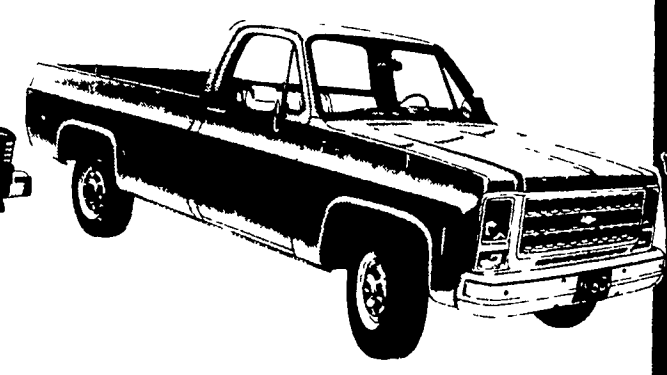

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How two dairymen cut costs, save nitrogen

SHOEMAKERSVILLE — There is little that dairymen can do to control the price of the purchased feed and concentrates. At best, they can shop for the best prices and grow higher quality hay to minimize the need to buy soybean meal.

Where the dairyman has a real chance to reduce those feed costs is in the crops grown on his own farm. The bottom line is what it costs to produce a ton of hay or corn silage.

Factors affecting this bottom line are labor and machinery costs, land and interest, plus seed and chemicals. On the other hand the yields play a vital role since yields dictate the cost per ton of feed produced. Higher yields spread out the cost of production.

Two dairymen who have learned how to reduce costs and increase yields are Bill Adams of Shoemakersville and Ray Walton of Linwood, N Y.

The Walton's farm consists of 500 acres — 400 of which are tillable. The crops grown are 200 acres of alfalfa and 200 acres of corn, 50 of the 200 acres are made into silage.

There are two major factors which are helping the Waltons keep feed costs down. One is that they have been able to eliminate the cost of side dressing their corn with fertilizer and to grow high protein alfalfa.

"One of the biggest problems with trying to side dress corn is you either have to forego cutting the alfalfa at the right time and lose a lot of the protein content or you side dress the corn after the first cutting and that ends up pruning the corn roots

"This sets the corn back a good 2 weeks The practice also means another trip in the field and further soil compaction" explained Ray

Ray prefers to cut his alfalfa in the bud stage when protein content is at its highest He cuts it, windrows it and wilts it down to between 40 percent and 45 percent moisture before its stored in his Harvestore.

This past year's tests showed Walton's alfalfa haylage was 23 percent protein on a dry basis. They have been able to cut their outside protein costs by $13,000 this past year because of the high quality haylage

The average dairyman in western New York spends 25 percent of his milk check for outside feed costs including protein supplements and minerals The Waltons spent a modest nine percent of their milk check for outside feed costs

The key to getting in the alfalfa fields at the right time has been to eliminate the sidedressing of corn.

"When we used to side dress our corn one crop or the other would suffer. Usually we let the corn suffer by getting into the fields too late but that's because hay is a lot more important then the corn. Only thing is, we had higher corn production costs then we wanted," said Ray.

Ray figures it costs $8 to $8.50 per acre to side dress corn. That cost includes labor, fuel, equipment maintenance and depreciation. It does not include the cost of the fertilizer itself.

He found that to do a good job of side dressing he could do three to four acres per hour.

He experienced a two week corn growth setback because the corn was 12 to 24 inches high and thus the root pruning problem. His alfalfa is cut and brought in starting May 20th and ends June 5th. The haylage yields run 6 to 6.5 tons per acres.

"I want to keep corn silage and grain corn yields up as high as possible too. I realize that the whole idea of sidedressing corn is to help control the nitrogen loss due to leaching and denitrification. So I tried N-Serve and it did the job" explained Ray.

N-Serve is a nitrogen stabilizer put out by Dow Chemical Company. Basically it slows down the action of the ammonium nitorgen form converting into nitrites and nitrates. Nitrites have a tendency to denitrify (escape into the atmosphere) and nitrates can leach into the ground In both cases this can reduce the amount of nitrogen fertilizer which is available to the corn plant Cornell University experts find 75 percent or more of the total nitrogen applied in the fall is lost They figure that an average of 35 percent of spring applied nitrogen is lost

The loss can vary from zero to 95 percent depending on weather and soil conditions.

"The nitrogen stabilizer costs $4.80 per acres, but that is a lot cheaper then $8.00 per acre for side dressing plus I have eliminated soil compaction and root pruning" explained Ray.

Ray put the nitrogen stabilizer with part of his corn this year and got a nine bushel yield increase per acre.

Basically he chisel plowed in spring, applied a tank mix of fertilizer, N-Serve and herbicides and promptly incorporated it with a drag harrow.

This was followed with planting the corn in 32 inch rows. Ray used Sutan and Bladex as herbicides and Furadan as an insecticide. 200 pounds of 7-21-7 fertilizer starter was applied per acre at planting time. 400 pounds of 20-6-12 plus 40 pounds of urea was applied per acre with the tank mix.

By increasing his protein from an average of between 16 and 17 percent up to 20 or 23 percent he has cut his protein bill in half. Before it ran him $26,000 per year and now it is $13,000 per year. This coming year Ray will treat all 200 acres with the nitrogen stabilizer. His added yields he figures will run 8 to 10 bushels more. At $2 per bushel Ray will have $3000 more high moisture corn and silage for his cows.

Currently his rolling herd average is 14,500 pounds of milk and 3.6 percent butterfat. His milk herd is 116 Holsteins, housed in a free stall barn.

The upshot is that the Waltons have $16,000 more profit from their dairy operation because of cutting feed costs plus increasing corn yields and alfalfa protein yields.

Bill Adams agrees that side dressing can't be justified today. "I figure that side dressing corn today would cost me about $10 per acre. Also I need that time to make my hay" said Adams.

Adams enjoys high corn yields with this year's crop varying from a low of 150 bushels in some fields up to 200 bushels per acre in his top producing fields

Adams practices a conventional tillage — no-till rotation program to minimize weed and insect problems. He moldboard plows two-thirds of his 300 acres of corn and no-tills the rest.

Of the 300 acres of corn, 40

(Turn to Page A29)

The Ray Walton operation cut corn growing costs, and therefore feeding costs for the milkers, by $13,000 last year because of higher quality and better yields.

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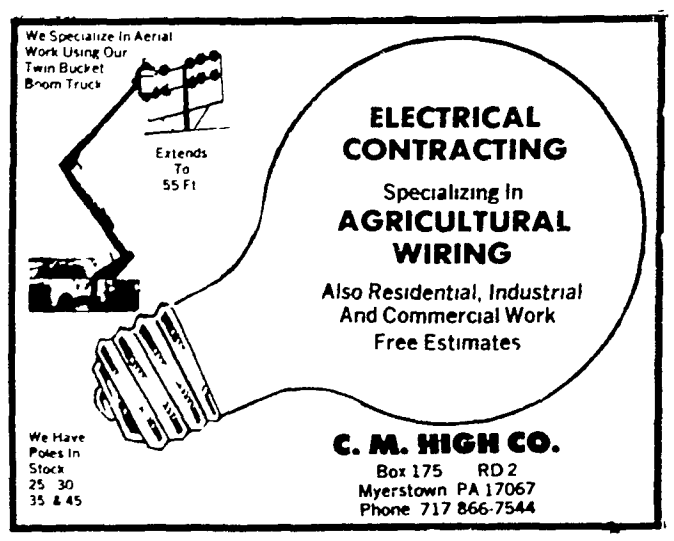

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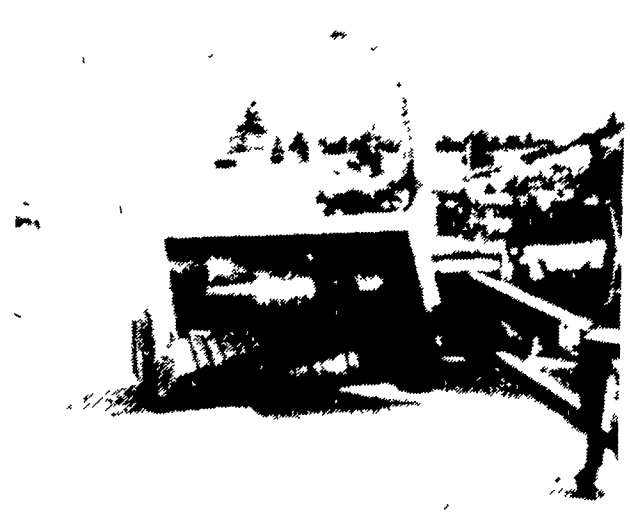
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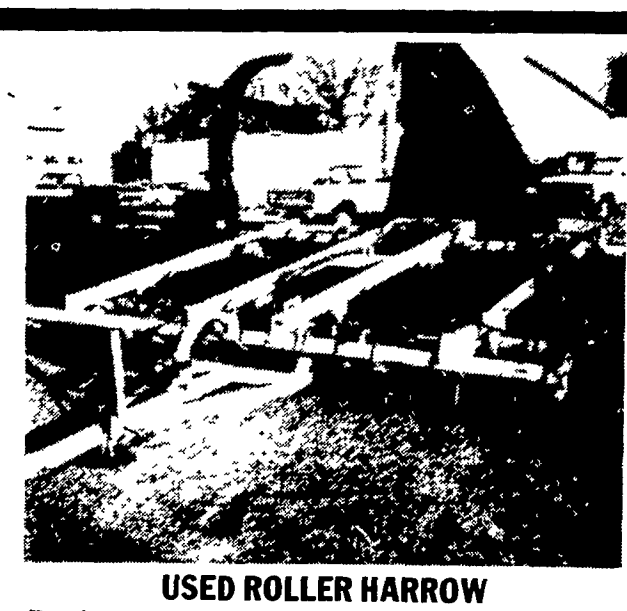
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Order fruit trees early

MEDIA — Are you planning to purchase fruit trees this Spring? Then you'd better get your order in soon. Nursery orders are usually filled in the sequence they're received.

By ordering early, both back-yard and commercial orchardists can get the pick of the trees and varieties available.

Here are some tips to get the best results from your trees: Always order from a reliable nursery and insist on disease-free stock. It's also best to plant varieties that do well in your area.

Another tip, according to James J. McKeehen, Delaware County Extension Agricultural Agent, is to buy one-year-old non-branched fruit trees that are about four to seven feet high. These will transplant more easily, will become established more quickly, and will grow out much faster than smaller or older trees.

If you're intending to plant fruit trees around your home but are a little short of space, considedr using dwarf rootstocks. These size-controlled trees can be planted close together...about six to eight feet apart. They'll also bear fruit earlier than standard trees, and can be sprayed and cared for more easily.

When you order nursery stock, always indicate when you want the trees to be shipped.

Dairy for the Good Taste

Bill Adams, Shoemakersville, is using a nitrogen stabilizer to boost yields and cut feed costs.

Saving nitrogen

(Continued from Page A28)

acres are made into silage. This past year Adams got 28 tons to the acre.

In the spring he applies potash and phosphorus according to soil tests. He manufactures his own liquid fertilizer which consists of N, P and K under the brand name Sure-Crop.

Next he moldboard plows, followed by applying 90 units of liquid N mixed with Furadan and N-Serve. Planting follows and Lasso-atrazine is applied pre-emerge.

"I have used N-Serve for 3 years now and have gained 10 to 20 bushels more corn per acre where the product was used," Adams said.

Yields varied, according to Adams, depending on how wet the growing season was. It should be noted that the liquid N tank mix is incorporated immediately with a disk to keep the stabilizer from evaporating.

No-till corn is grown basically the same way except Paraquat is mixed with the liquid N. All of the corn is planted in 30 inch rows with populations of 18,000 to 24,000.

Average yield increase due to the nitrogen stabilizer is 12 bushels. His 300 acres times 12 bushels times $2.50 = $9,000 less the cost of the stabilizer. At $5 per acre times 300 acres the cost is $1,500. This leaves a net return of $7,500.

The upshot of these two dairymen's operations is they both have been able to increase yields and reduce labor plus machinery costs. This enables them to reduce overall feed costs.

Try Creosote oil as deer repellent

NORRISTOWN — Deer cause much damage in Pennsylvania orchards and ornamentals each winter.

Many ideas to control them have been tired, but practically none of them have been completely successful, says Paul Reber, County Agent, Cooperative Extension Service.

One of the older repellents which does give some protection is creosote oil.

Directions for use involve winding a 4-inch by 24-inch piece of cloth into a loose four-inch roll. Tie the ends together to keep them from unwinding. Creosote oils may then be poured on the "doll" or it may be dipped into the oil container. The "doll" is then hung in the tree at browsing height for the deer, says Reber.

In areas of heavy deer feeding, it may be desirable to use two to three "dolls" per tree, but in lesser populated areas one "doll" per tree may be adequate.

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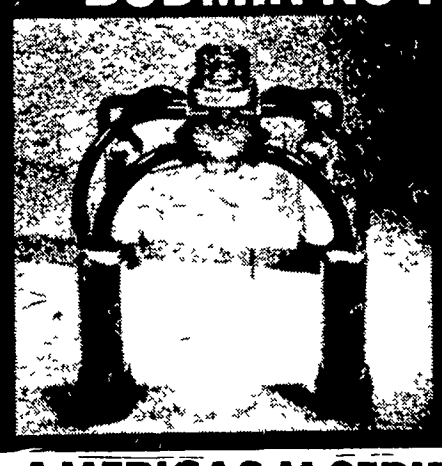

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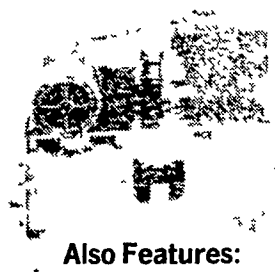

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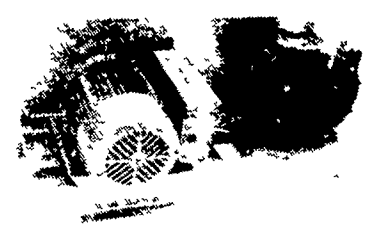

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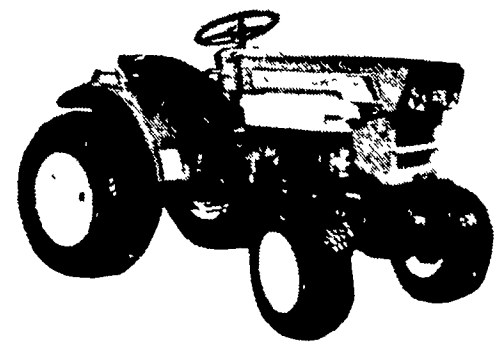

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American Angus assoc. elects officers

Auxiliary elects Rae

ST. JOSEPH, Mo. — The American Angus Auxiliary elected 1980 officers during their annual luncheon and meeting at the National Western Stock Show in Denver.

Mrs. Ray Adams from Tahoka, Texas, was elected president of the national Angus women's group. President-elect is Mrs. Jack Rae from Onondaga, Michigan.

Other officers are: second vice president, Mrs. Dale Wells, Dover, Oklahoma; third vice president, Anne Patton Gorham, St. Louis, Missouri; and secretary-treasurer, Mrs. Frank Hagenbuch from Lawrence, Kansas.

A total of 158 persons attended the annual Auxiliary luncheon and heard an interesting and educational presentation by Venita Van Caspel from Houston, Texas.

Mrs. Van Caspel, president of Van Caspel and Company Inc., a brokerage firm, and president of Van Caspel Financial Planning Service, talked about "the money game", , making investments, and how individuals can become financially independent.

Any woman interested in the Angus breed is invited to join the American Angus Auxiliary. For more information about the organization and its activities, contact Mrs. Frank Hagenbuch at Rt 3, Lawrence, Kansas 66044.

Breeders pick Pingrey

ST. JOSEPH, Mo. — Dave Pingrey, registered Angus cattle breeder from Benton, Mississippi, was elected president of the American Angus Association for 1980 at the organization's recent annual meeting in Denver, Colorado.

Pingrey, who received a unanimous vote from the 283 delegates attending the meeting, succeeds retiring president J. E. Horton Jr. of Madison, Alabama. Horton, who conducted the meeting, served eight years as an officer and director, first as a member of the board of directors and then as vice president and president.

Myron O Woolever of Greencrest Farms, Unionville, Missouri, was elected vice president of the Association. In addition, two new members were elected to the board of directors, and three members whose first term of office expired were re-elected to their second three-year terms on the board The new board members are Robert Neumeyer, Bonners Ferry, Idaho, and Robert L. Sitz, Harrison, Montana. Board members who were re-elected are Ray Adams, Tahoka, Texas; Robert Miller, Mabel, Minnesota; and Don Greiman, Garner, Iowa.

In other business, the delegates approved, by voice vote, an amendment to the Association by-laws that will halt the issuing of life memberships in the American Angus Association after September 30, 1980. From that time on, regular memberships will be issued, and this type of membership will be subject to annual dues. The status of life memberships will be unchanged, and both active life and active regular members of the American Angus Association will be eligible to vote.

Schedule set for Farm Equipment Expo

HARRISBURG — Pennsylvania Agriculture Secretary Penrose Hallowell today announced the Second Annual Farm Equipment Exposition will be held at the Farm Show on February 28, 29 and March 1.

"The Farm Equipment Exposition is an excellent opportunity for farmers and the general public to see what is new in farm machinery in 1980," said Hallowell.

"This show is geared to farmers' specific needs in supplies and production machinery."

A good crowd is expected for the three-day machinery expo, which will feature everything in farm services and equipment needs from seeds and fertilizers to tractors and combines.

Over 170 commercial exhibitors will be on hand at the exposition from 8 a.m. to 9 p.m. daily.

Many of the commercial exhibitors at the Farm Equipment Exposition are dealers and companies who have not exhibited at the State Farm Show.

"A series of unique and interesting events have been planned to coincide with the Farm Equipment Exposition," said Hallowell. "Everyone will find something of interest at the 1980 expo."

Special events at the 1980 Farm Equipment Exposition include:

Thursday, February 28

9:30 a.m. - Draft Horse and Mule Show, Large Arena.
11:30 a.m. - Tack Sale, Small Arena.
1:00 p.m. - Draft Horse and Mule Sale, Small Arena.
1:00 p.m. - 5,500 pounds Class Stock Tractor Pull, Large Arena.
6:00 p.m - 13,000 pounds Class Stock Tractor Pull, Large Arena.

Friday, February 29

9:00 a.m. - First Pennsylvania All Breed Swine Show, Small Arena.
1:00 p.m. - Lightweight Class Horse Pull (3,200 lbs. & less), Large Arena.
7:00 p.m. - Heavyweight Class Horse Pull, (over 3,200 lbs.), Large Arena.

Saturday, March 1

10:00 a.m. - 9,000 lbs. Class Stock Tractor Pull, Large Arena.
11:00 a.m. - First Pennsylvania All Breed Swine Sale, Small Arena.
1:30 p.m. - Young Farmers Expo Winter Volleyball Tournament, Large Arena.
6:00 p.m. - Tractor Pull Finals (three classes), Large Arena.

NOTE: Tickets are required for this event: $2 for adults and $1 for children under 12 advance price, $3 for adults and $2 for children under 12 at the event.

All other events have no admission charges.

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College scholarships open to Angus enthusiasts

ST. JOSEPH, Mo. — College scholarships totaling $4,000 will be awarded to deserving young cattlemen in 1980 by the American Angus Auxiliary, reports Mrs Ray Adams, Tahoka, Texas, president of the national Angus women's organization.

The money represents an increase over the amount offered in 1979, reports Mrs Dale Wells, Dover, Oklahoma, scholarship chairman for 1980

The announcements were made at the recent annual meeting of the American Angus Auxiliary held in Denver in conjunction with the National Western Stock Show

The scholarships will be awarded to six high school graduating seniors who are active in Angus beef projects and school, community and church activities. Three girl and three boy winners will be selected from each of the respective state applications.

First place scholarship in each group will be $1,000 with $600 for second and $400 for third.

The entry deadline is June 25 and the winners will be announced following the judging of the applications during the American Angus Futurity in Louisville, Kentucky. Applications may be made through state or regional Angus Auxiliaries

The names of state chairman, applications and other information about the program, can be obtained from Mrs. Dale Wells, Rt #1, Dover, Oklahoma 73734.

Much of the Auxiliary scholarship money is generated from the sale of a donated heifer each year at the American Angus Futurity The heifer this year is being donated by R&J Ranch, Mr and Mrs. Ray Plumb, Briggs, Texas.

Another first for 1980 is that the top five girl applicants will be invited to the national Angus meeting at the North American International Livestock Exposition in Louisville, Kentucky They will be interviewed and the 1981 Miss American Angus will be selected from the top five scholarship applicants.

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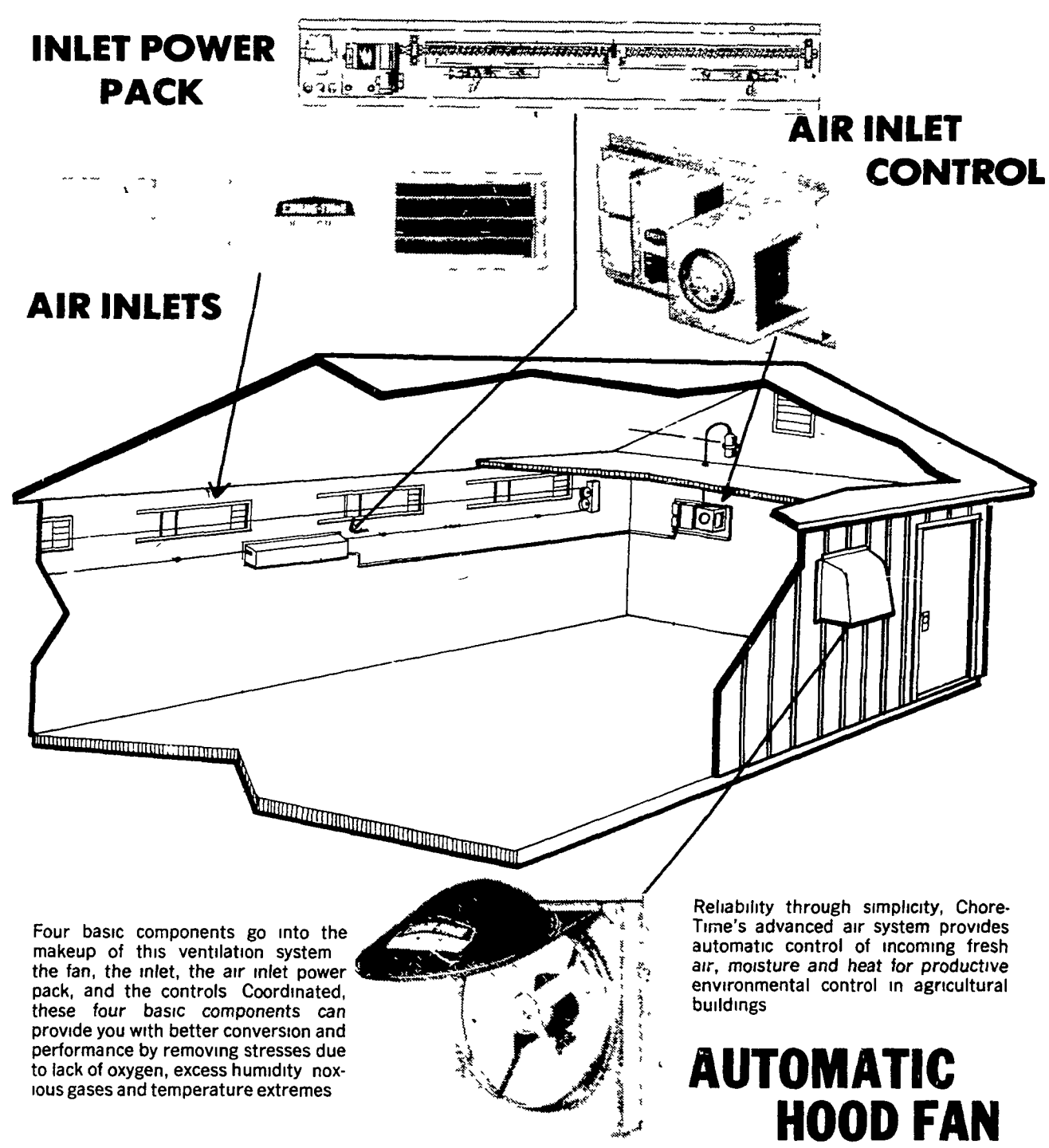

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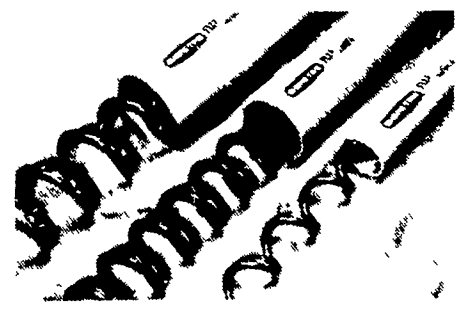

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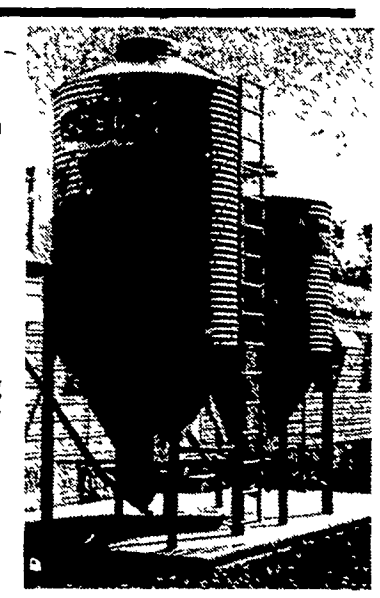

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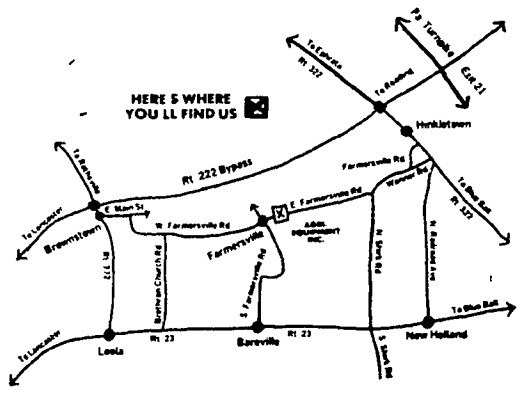

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To save native wildflower

DER buys 293 acres for nature reserve

HARRISBURG — The Jennings Blazing Star Nature Reserve in Butler County, home of the Blazing Star prairie and the secretive Massassaqua, has been acquired by the Department of Environmental Resources from the Western Pennsylvania Conservancy.

DER Secretary Clifford L. Jones said the price of the 293-acre property was $220,000, of which 50 percent will be reimbursed by the Heritage Conservation and Recreation Service, U.S. Department of the Interior.

"The nature reserve is well known for its conservation and environmental education program and just a few miles away is Moraine State Park which attracts thousands of visitors annually for swimming, boating and to use the day-use facilities that Park has to offer," Jones said.

"Also nearby is the Old Stone House, once a wayside tavern, a historic property owned and operated by the Pennsylvania Historical and Museum Commission."

Located 12 miles north of Butler, off U.S. Rt. 8, the nature reserve was established to preserve a three-acre area of native prairie sustaining the Blazing Star, a wildflower first observed by the late O. E. Jennings, a well known botanist.

After the property was acquired by the Conservancy in the 1960's, approximately 20 acres of forested land surrounding the plant site were cleared to create conditions most favorable to the growth of the Blazing Star.

Paul Wiegman, director of the Conservancy's Natural Area Program said the plant, a member of the sunflower family, is not particularly rare.

It can be found elsewhere in the Commonwealth but not in the same abundance as at the reserve, which attracts thousands of visitors each August to view the thick cluster of rose-purple flowers.

"What is unique is the manner of managing the area so the plant can survive and spread," Wiegman said. "This involves alternate burning off and mowing each year.

"The Blazing Star is adapted to fire which stimulates growth and better blooms. Therefore two sections of the area are burned off in the Spring, and the other two areas are mowed the following Fall."

"We have found that the burned off areas produce a greater abundance of flowers."

For the last six years, students from Slippery Rock State College, who maintain a year round environmental education program at the reserve, have been handling the burning.

Two students set the fire with blowtorches while the others stand by with fire extinguishers to prevent it from spreading.

While thousands of people visit the reserve each year, to see the flowers or take advantage of the college's program, few have seen the Massassaqua, a small rattlesnake.

This peaceful, non-aggressive reptile, which averages about 24 inches in length, is extremely secretive. In fact, the spring burning is not even detrimental to the snake.

It is an endangered species in Pennsylvania and while it has been reported in 18 to 20 places in western Pennsylvania, there are only seven sites where the reptile can definitely be found.

The reptile's habitat in many of the other places have long since been ruined by development and construction of new roads.

Unlike the timber rattler which prefers mountainous and rocky terrain, the Massassaqua prefers the lower elevations and a typical habitat would be an alder swamp surrounded by wet meadow lands.

Valley Grange to host home energy workshop

LEWISBERRY — A home energy workshop will be held at Valley Grange, in Lewisberry, York County, February 13, at 7 p.m. The meeting is open to the public.

The featured speakers for the event will be Joseph McCurdy, Penn State Agricultural Engineer, and Walter Johnson, Penn State Forest Specialist.

The program will be directed toward the average homeowner, with an emphasis on energy-saving devices that pay for themselves quickly.

McCurdy's presentation is entitled "Insulation and How to Save Energy Within the Home."

His presentation includes a discussion on the five steps necessary to winterize a home.

"The most important," McCurdy says, "is controlling your indoor temperature. There are programmable temperature control devices available on the market for as little as $35, that anyone can install in their home."

Another major cost to the homeowner is heat loss, McCurdy states. "Controlling air leakage through cracks and windows with weatherstripping is an easy way to save fuel dollars."

"The third step," according to McCurdy, "is to install storm windows." Storm windows are a good way to decrease heat loss through windows."

Many people lose countless fuel dollars because of a faulty heating system. McCurdy hopes to point out that with a few simple checks, a homeowner can insure that his heating system is performing efficiently.

"Finally, by adding insulation, first in the ceiling, and then in the walls, heat loss can be kept to an absolute minimum," McCurdy said.

This portion of the program will take about a half hour, and there will be a question and answer period immediately following the presentation.

Johnson's presentation, the second portion of the program, is entitled, "Woodstoves for Use as an Alternative Energy Source."

The program is being sponsored by the Valley Grange, of Lewisberry, in cooperation with the Penn State Co-operative Extension Service.

For more information, or directions to the Valley Grange Hall, contact Timothy Markovits at the York County Extension Office, at 717-757-9657.

Refreshments will be served by the Valley Grange during and after the workshop.

Alumni plan dinner-dance

NORRISTOWN — The Montgomery County 4-H Cabinet Advisory Board is planning a special dinner-dance for 4-H Alumni, leaders and parents. The event will be held on Saturday evening, March 29th at Birchwood near Graterford

The 4-H Cabinet is seeking all Montgomery County 4-H alumni, former members as well as leaders who are now in the Montgomery County area. Current leaders and parents of 4-H'ers in the county are also encouraged to attend

The evening will feature roast beef buffet, social hour and welcome, plus door prizes "The Journeymen", a well-known band in the area, will provide music for dancing. Recognition of leaders and alumni will also be a special portion of the program.

According to Nancy Kadwill, county agent, the evening is planned to provide recognition and enjoyment for leaders and parents, without whom the 4-H program would not function It's also an effort to renew friendships and locate 4-H alumni

Chairperson for the dinner-dance is Chris Jones, Schwenksville, who also serves as Chairman of the Cabinet Expansion And Review Committee.

Advance reservations are required. Tickets, which are $10.00 per person, can be obtained from 4-H Cabinet members or by contacting the 4-H office at 277-0574.

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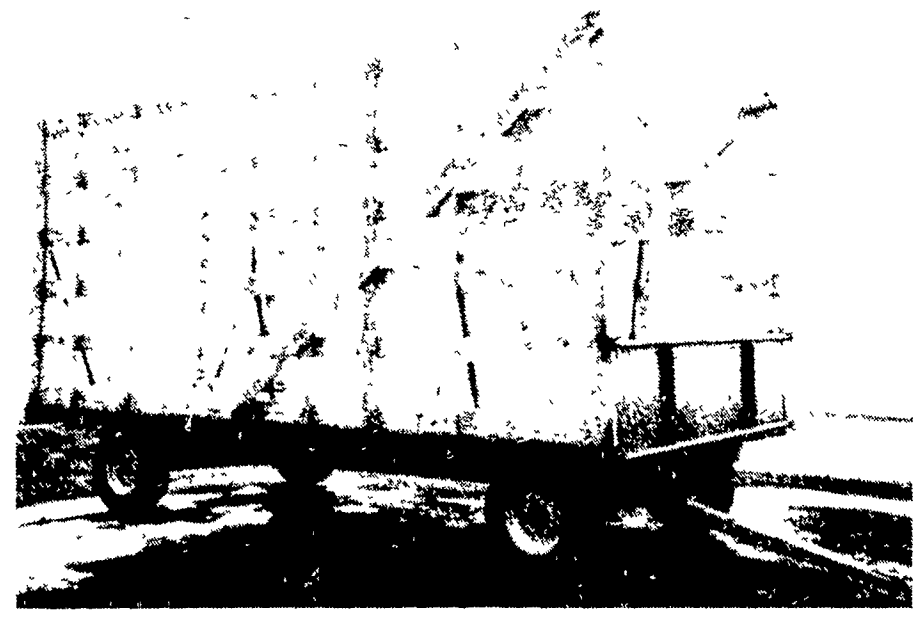

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Intended feed grain plantings up 6 percent

WASHINGTON, D.C. — prospective plantings of the four feed grains totaled 119 million acres in the 34 States surveyed, up three percent from the 115 million acres planted in those States in 1979.

Intended plantings are up four percent for corn, up five percent for sorghum, up 11 percent for barley, but down five percent for oats.

CORN: growers in states surveyed intended to plant 81.6 million acres of corn for all purposes as of January 1, 1980, four percent more than both last year and 1978.

These states accounted for 98.2 percent of the Nation's corn acreage planted in 1979.

Intended plantings in the North Central States are up three percent from a year earlier. All of the major Corn Belt States are showing increases.

Intentions in the South Atlantic and South Central States are up 7 and 14 percent, respectively.

SORGHUM: Prospective plantings of sorghum for all purposes in 1980 total 15.9 million acres in the states surveyed, up five percent from 1979 but down two percent from 1978.

These states accounted for 97.9 percent of the U.S. acreage in 1979. Texas, with 32 percent of the Nation's sorghum acreage last year, is expecting a four percent increase this year. Kansas, which accounted for 30 percent of the U.S. total, indicates 10 percent more acreage than for 1979.

Other major states expecting increases are: Nebraska five percent, Oklahoma three percent, and Colorado one percent.

Missouri acreage is expected to be the same as last year. South Dakota is the only major state expecting a decline and intentions there point to 6 percent decline.

OATS: Average of fall seeded oats plus intended spring plantings in the states surveyed is expected to total 13.3 million acres in 1980, down five percent from the previous year and 17 percent less than in 1978.

The states surveyed accounted for 98.9 percent of the Nation's oat acreage in 1979.

Planted acreage for 1980 is expected to be lower than last year in Iowa, Minnesota, South Dakota, Texas, and Wisconsin and unchanged from 1979 in North Dakota.

Acreage in these six states, which accounted for almost two-thirds of the U.S. oat acreage in 1979 is expected to decline six percent from last year.

Only five of the states surveyed showed intentions to increase oats acreage over 1979.

BARLEY: Planted acreage of fall seeded barley plus intended plantings for this spring for the states surveyed totaled 8.43 million acres.

This is 11 percent more than 1979 but 12 percent below 1978. The states surveyed accounted for 94.6 percent of the U.S. planted acreage in 1979.

For the six major states, California was down 10 percent, while Idaho was up two percent, Minnesota up 21 percent, Montana up 18 percent, North Dakota up 24 percent, and South Dakota up 11 percent.

These states accounted for nearly three-fourths of the Nation's planted acreage in 1979 and showed a combined increase of 13 percent in intended acreage for 1980.

SPRING WHEAT: Growers in the spring wheat producing states surveyed, representing 99.5 percent of the U.S. total in 1979, expect to plant 15.7 million acres of spring wheat other than durum.

This is one percent more than the 15.5 million acres (6.28 million hectares) planted in 1979 and 11 percent more than 1978.

These states experienced large amounts of winter kill of winter wheat a year ago and reseeded to spring wheat. This year's acreage is more in line with two years ago.

Most other states expect a larger acreage than last year.

SOYBEAN: Growers in the states surveyed expected as of January 1 to plant a record high 70.7 million acres to soybeans in 1980, virtually unchanged from the record high of 70.6 million acres planted in those states last year.

Changes range from a 6 percent decline in Pennsylvania to a three percent increase in Virginia.

Growers in the North Central States expect to plant 43.0 million acres, down one percent from 1979. Changes in these States range from a decline of 4 percent in Indiana and Michigan to a 20 percent increase in Wisconsin.

Illinois acreage is expected to decline two percent while the expected acreage in Iowa is unchanged from last year.

Planted acreage in the South Central area is indicated at 20.9 million acres, up 1 percent from last year. Changes from 1979 range from a decrease of 1 percent in Texas to an increase of four percent in Alabama. Producers in the North and South Atlantic areas plan only a slight increase from last year.

SUNFLOWER: Intended sunflower acreage for all purposes, in the four states estimating the crop, shows a decrease of 10 percent to 4.99 milion acres (2.02 million hectares) in 1980.

Intended acreage planted to oil varieties at 4.76 million acres is down 11 percernt from 1979 while non-oil varieties are expected to increase 4 percent from last year.

Increase egg shelf-life

MEDIA — The length of time an egg will stay fresh and of high quality depends mostly on the conditions under which the egg is kept, both in the store and in your home.

The most critical factor in maintaining egg quality is temperature says Greta C. Vairo, Delaware County extension home economist with the Penn State Extension Service. Egg stored at room temperature, or about 65 to 75°, lost more quality in a single day than they would lose in a full week in the refrigerator. Refrigerated eggs should retain their freshness for at least four to six weeks.

While many refrigerators feature special compartments for egg storage, it's a good idea to keep eggs in the carton in which you brought them home from the store. The carton keeps the eggs covered and keeps them in a secure position. This prevents breakage and the subsequent increased deterioration.

When a high quality egg is broken out into a pan or bowl, the yolk should stand high and the white should not spread out excessively. In lower quality eggs, the yolk is flat and the white appears watery and washed out. When they are hard-cooked, high quality eggs have a well-centered yolk. Storage deterioration primarily detracts from the eye appeal of the raw egg.

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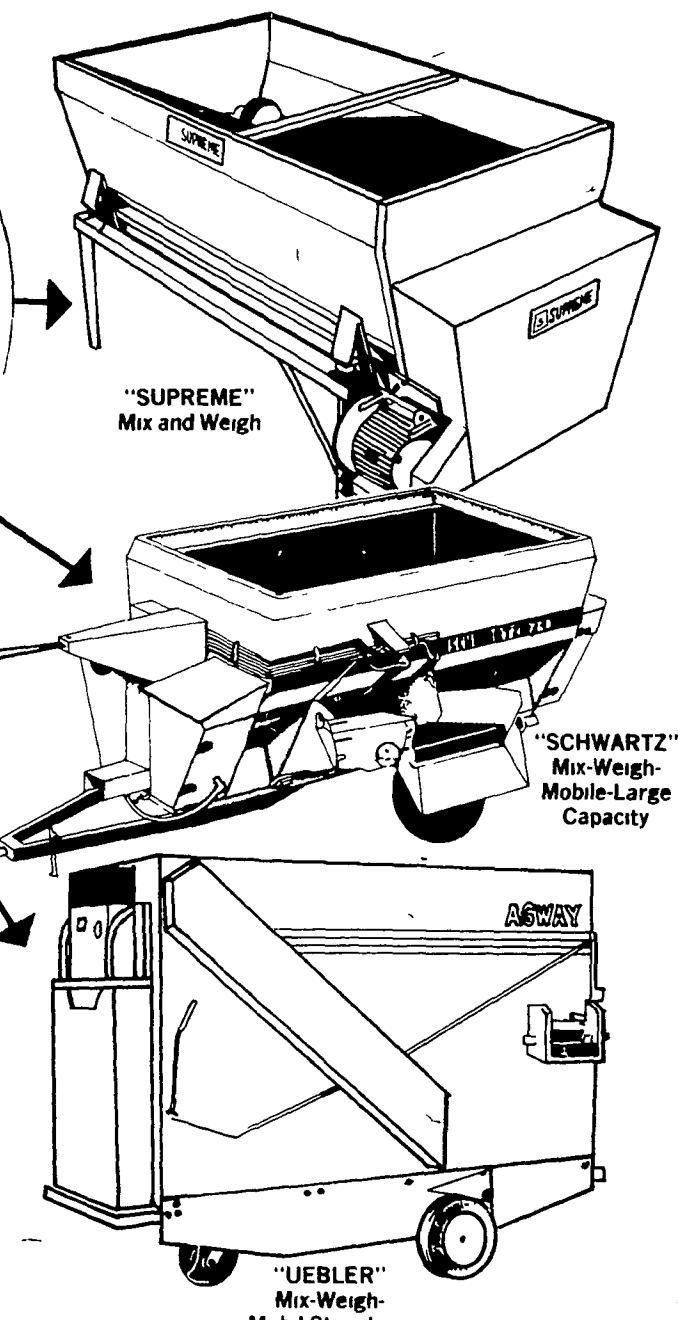

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Three firms begin testing voluntary quality proposal

NEW YORK, N.Y. — Three firms are testing the U.S. Department of Agriculture's proposal that USDA inspectors in meat and poultry processing plants be permitted to use data from the plant's department-approved quality control systems during the inspection process.

Assistant Secretary of Agriculture Carol Tucker Foreman said she is "very encouraged" by the pilot programs at Peter Echrich and Sons, Chicago — a manufacturer of sausages and speciality processed meats; the Kroger Co., Salem, Va. — a distribution center for Kroger grocery stores where meat products are cut, boned and packaged; and Tyson Foods, Monet, Mo. — a packager and shipper of fresh whole chickens and chicken parts.

"We are off to an excellent start in these three plants and expect 12 more plants to participate in providing us with data on the concept," Foreman said. "We are confident this program will not only improve overall consumer protection, but will do so in an efficient and economical fashion."

"Within the next few months," she said, "USDA will establish as many as 12 additional pilot projects in processing plants throughout the country, with each test project expected to last about four months."

Additional pilot projects are being considered at S. Clyde Weaver, East Petersburg, Pa.; Berks Packing Co., Reading, Pa.; Holly Farms, Wilkesboro, N.C.; Saluto Foods, Montgomery, Ala.; Edwards Sausage, Lawrenceburg, Ky.; Armour, Ft. Madison, Iowa; Oscar Mayer, Sherman, Texas; Portion Trol, Mansfield, Texas; Cudahy, Denver, Colo.; and Safeway, Stockton, Calif.

USDA proposed a voluntary quality control program for meat and poultry processors Sept. 14. The pilot project will test the idea behind the proposal.

Foreman said the pilot project will provide USDA's Food Safety and Quality Service with detailed information on the operation of quality control programs in both large and small plants and in plants with various types of processing operations, including processed, cured and smoked meats, canning and prepackaging of raw poultry.

"From the correspondence coming to USDA, it's obvious there's some confusion about USDA's responsibility under the quality control program," Foreman said, "including the misconception that inspectors will be removed altogether from plants that have such programs.

"Under no circumstances is USDA relinquishing its responsibility to assure consumers that meat and poultry products are safe, wholesome and truthfully labeled as required in the inspection laws."

"This pilot program will help USDA design a strong monitoring program, that includes daily visits to plants by USDA inspectors, which will meet those responsibilities," she said.

The proposed regulation being tested would permit USDA inspectors in processing plants to use data from department-approved qulaity control systems operated by the plants.

USDA approval would be based on ability of the system to assure production of products in compliance with USDA requirements for safety and labeling.

"We appreciate the cooperation of industry in establishing the pilot projects," Foreman said. "We feel industry-operated quality control programs can help our inspection system and improve consumer protection. Inspectors will be able to make more informed decisions because they will have more objective information.

The proposal will apply only to inspection of plant operations where meat and poultry is boned, cut-up or further processed into products such as soups, frozen dinners, franks, bologna and other cold cuts. It will not apply to inspection of slaughtering operations.

African swine disease threatens U.S.

WASHINGTON, D.C. — African swine fever, deadly viral disease of pigs that is threatening to invade the United States, has cut market supplies of pork in the Dominican Republic by 20 to 25 percent, according to the U.S. Department of Agriculture.

The disease was discovered in the Dominican Republic, Haiti and Brazil in 1978-79, and could easily spread into this country, said F. J. Mulhern, administrator of USDA's Animal and Plant Health Inspection Service.

"If an outbreak should occur in the United States," he said, "it is probable that this highly contagious disease would spread rapidly to all sections of the country—unless immediate steps were taken to control it."

Plans for a U.S. emergency ASF eradication program have already been developed. State and federal animal health authorities will go to work immediately upon confirmation of a domestic outbreak But the fever strain active in the Dominican Republic is difficult to find and diagnose.

Mulhern is urging all U.S. hog producers to be alert for sick pigs and to call their veterinarians immediately for diagnosis.

This is only the second time that ASF has penetrated the Western Hemisphere. The first time was in 1971 in Cuba, when over one-third of the island's swine either died or were destroyed so as to wipe out the disease.

"The effects of such mass death and slaughter in this country are unimaginable," Mulhern said, "especially in this day of rising food prices."

The Food and Agriculture Organization of the United Nations estimates there are only one-third as many live pigs in the Dominican Republic now as there were before ASF infected the country.

To help stop entry of ASF into this country, U.S. Customs and APHIS officials are cooperating in inspecting all pork-related products entering the United States.

Additional inspectors have been added in Puerto Rico, the New England area, New Jersey and Texas to increase surveillance over garbage-feeding premises. ASF can spread in garbage fed to hogs if it contained infected pork scraps not cooked to kill the virus.

APHIS also is cooperating with FAO, the Agency for International Development and the Dominican Republic in a pilot eradication program in that country. At present, slaughter of exposed animals is the only eradication technique, since no effective vaccine has been developed and no treatment is known.

Truck prices too high?

- Try trading corn

LANCASTER — If you're having a hard time finding a market for your corn or wheat, you might be interested in a new "grain" dealer in town.

Lancaster has a truck dealer with a new sales angle — he buys corn and wheat and the truck it's brought in on, when he sells you a new truck

Dick Fetters, general manager for Larry Murphy Chevrolet, Old Harrisburg Pike, said that he is buying corn and wheat for $5.50 a bushel and is selling it to Pennfield for $2 85 per bushel.

So far, Fetters said, they have sold about six trucks to farmers who traded their grain and truck on a new pick-up or stake frame truck that was in stock.

When asked why they were paying more for the grain and selling it for less, Fetters said their business was indebted to the farmers of Lancaster County and the surrounding area.

"With the international crisis going on, and the grain embargoes in effect, we wanted to help out," said the general manager.

He said this grain trading on new trucks will be going on until the end of February.

After the grain, I might try the same thing with milk," Fetters added.SM

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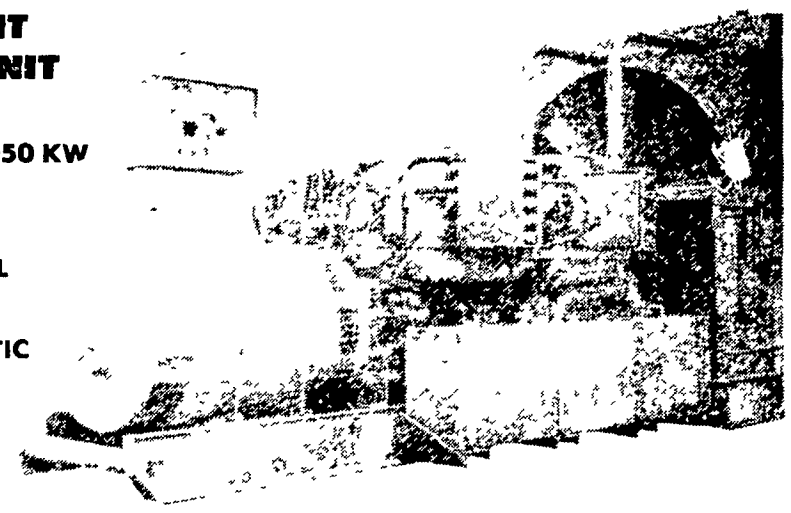

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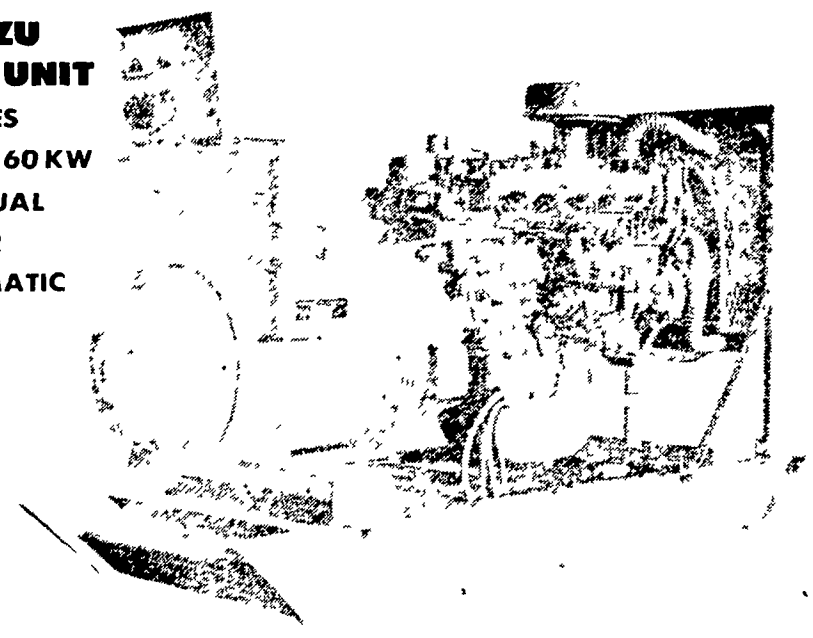

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Hallowell to speak at Lancaster Co. Extension meeting

LANCASTER — Pennsylvania Secretary of Agriculture, Penrose Hallowell will be the guest speaker at the Lancaster County Extension Association's annual dinner meeting, announced Max Smith, County Extension Director

Secretary Hallowell will be talking to Lancaster Co. citizens about the future of the state's farm industry in the 1980's He will be covering the marketing aspects and various promotional programs of the Pa. DA

Hallowell is familiar with many of the problems confronting Pennsylvania farmers, not only because of the position he holds, but because he too is a farmer. With his son, James, Hallowell runs a 290 acre dairy farm, in Ottsville, Bucks County

He served as state director of the Farmers Home Administration of the U.S. Department of Agriculture for eight years, and has been active in many agricultural organizations

Penrose Hallowell
Secretary of Agriculture

Hallowell has served Bucks County as president of the county's Farmers Association, and was chairman of the Conservation District. He was also chairman of the county's Extension Executive Committee and director of the Montgomery-Bucks Federal Land Bank Association He served, too, as overseer of the Edgewood Grange

Hallowell will be the guest speaker at this year's event which will be held on Tuesday, February 12 at 6.45 p.m at the Farm and Home Center

A brief business meeting of the Extension association is planned, with the election of several directors.

In addition, there will be a special musical presentation by the Pequea Valley Chamber-Singers.

Advance reservations are needed to attend this special dinner meeting. Tickets can be purchased from any Extension director or by contacting the Farm and Home Center office. The deadline for making reservations is Friday, February 8

Grant says farmers prove courage of their convictions

PHOENIX, Ariz. — In standing firm with our nation's leaders against international terrorism and blackmail, American farm and ranch people are proving that "they have the courage of their convictions," Allan Grant said here Monday.

Grant, president of the American Farm Bureau Federation, spoke at the 61st annual meeting of the federation in Phoenix.

"Detente with Russia again has taken on the character of a cold war," Grant said. "We hope and pray that, at worst, it stays a cold war."

Grant said he feels trade sanctions against the Soviet Union should have been use only after other presuasive actions had been taken.

Priority actions listed were an immediate rebuilding of a properly balanced, superior U.S. defense system; a buildup of military bases with emphasis on the Persian Gulf area; reassemble the country's largely dismantled intelligence network; and reject the SALT II treaty.

"Beyond this new context of national security," Grant said, "we must continue our hardline support for freer access to markets and our adamant opposition to governmental manipulation of markets for purely political purposes."

Earlier, at the news conference, Grant called for government actions which could improve farm markets and income.

He said the government should expand export trade functions through the office of the special trade representative and the U.S. Department of Agriculture.

He added the government should act at once to restore sharply reduced Commodity Credit Corporation's export credit funds; increased use of Public Law 480 assistance to developing countries; and implement an all-out "crash" research program centered on new uses and new markets for farm products.

Saying inflation remains agriculture's number one problem, the farm leader said the most important government action should be "for the executive branch to accept major responsibility for bringing inflation under control."

You may have sung about Chantilly Lace but have you ever eaten Chantilly Cream? Whip one-half cup of whipping cream, fold in one-half cup of sour cream, sweeten with three tablespoons of confectioners' sugar and one-half teaspoon of vanilla. It's great to serve on cut-up, leftover holiday fruits or fruited gelatin.

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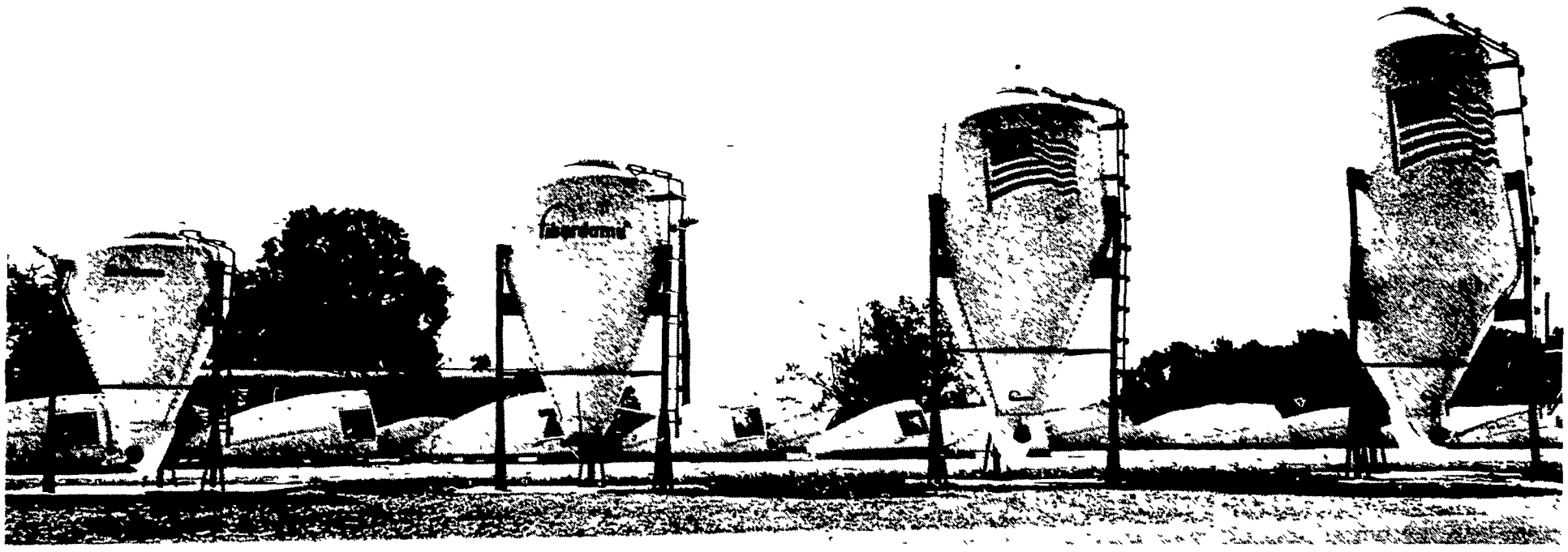

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Hallowell interview

(Continued from Page A1)

Hallowell said he had changed the orientation of the Department of Rural Affairs without making any big organizational change.

He noted the goal to have an agricultural promotion in every county in Pennsylvania within the next six to eight months.

He said they were making an on-going evaluation of the mall promotions. Hallowell also said research would be done on the farm logo to establish its degree of effectiveness.

He said he chose his deputy secretaries because he had confidence in them rather than because one man was from the Grange, one from Pennsylvania Farmers' Association.

Luther Snyder is former Master of the Grange, Chet Heim directed PFA's legislative affairs.

"We tried to hire people who had the combination of ability, ag experience, and some desire to work for farmers and the Thornburgh administration," he said.

Hallowell said he thought the upcoming Farm Equipment Expo would be a success.

He pointed out a number of changes would be made this year in the Expo. These will include addition of a tractor pull, livestock, and some sales.

An energy conservation theme will be used at this year's show, he said.

There are about the same number of exhibitors this year as last, he said, but they have sold more square feet

He said the farmers' fun night would be scrapped but a Young Farmer volleyball contest would be added.

Switching to legislation, Hallowell said the Governor's close ties to the farm community were obvious from the Governor's legislative package.

He pointed out two bills, the $25 alcohol license production act and the land condemnation board, both were passed

Milk security fund legislation is the outstanding Capitol Hill topic among farmers

So much controversy surrounds the various proposals that many legislators seem afraid to get involved in the turmoil

"We have tried to take a strong stand to push for legislation this year. We tried to get it passed last year, but we couldn't come close to a concensus between farm co-ops, farm organizations, and individual farmers.

"Those three groups still are not all at the same point," he said.

Referring to his proposal he said, "It's a good bill. It would help farmers. It probably would hurt dealers a little bit. And they have made their point clear with many legislators.

"Cooperatives, in the marketplace, are their own enemies as well as dealers. Co-ops have done some unethical things in marketing milk, trying to get customers. They take them from each other by making a deal of sorts," he said.

"They are able to do things the milk dealers are not. The Milk Dealers Association points that out," he said.

He said the old one cent payment by dealers matched by one cent by farmers seemed fair to him, and still does. But it was not accepted by farm organizations or dealers.

He noted PFA had that proposal as its policy but the co-ops did a good job of getting members to PFA annual meeting and changing PFA policy.

"They did their homework pretty well," he conceded.

"It is still my opinion and that of enough legislators we are talking to who we have to get to introduce, support and pass a bill, that the two cent proposal might pass.

"So, I've tempered the message I get from farmers with the message I get from legislators," he said.

He noted the impact on consumers and dealers had to be considered even though his prime concern was farmers.

He said he had access to confidential Milk Marketing Board statistics from which he could figure who would participate at the two cent rate and how many more would contribute at one cent.

He said building the fund would depend more on the amount of milk assessed than on the rate of charge.

He said the two cent proposal may give rise to unfair advantage for

Penrose Hallowell

neighboring states. He noted a one cent rate would be less than New York pays, and therefore Pennsylvania farmers would retain a relative advantage.

"I haven't heard anyone say they did not want to be included in a security bill. Even co-op members value their milk checks as much as farmer selling directly to a dealer," he said.

He said the cost probably would be recovered by dealers through the Milk Marketing Board.

"I think there probably are feelings underneath the surface we are not aware of.

"Some people, it seems, as soon as it looks like there is a concensus, want something more, like they are almost trying to avoid concensus," he said.

"We are making every effort to have a security fund bill introduced in the near future

"I hope, if the bill is generally beneficial to Pennsylvania farmers and Pennsylvania milk marketing, that everyone will support it, at least enough to let the legislators get credit for passing something instead of various groups being critical because it doesn't have feature they may have wanted," Hallowell said.

He noted the Governor and his wife stayed close to

Farm Show. He said the Governor's interest in agriculture has helped Department morale.

"The Governor has been a real asset helping us help agriculture," he said

He added, "If the milk security bill passes it will be because the Governor helps put the pressure on the legislature to get something passed."

"I hopesome of those who are leaders of co-operatives who think I have not supported their proposal as much as I should have being a co-op member and dairy farmer realize I conducted myself and the Department in a manner to get the most suitable security bill passed.

"There are times I have to play the role of the bad guy a little bit," he noted

He has done some other laudable things on his own

Hallowell, although assigned a driver, doesn't use him. In another break with tradition, he's driving a higher milage car—a Skylark equipped with CB—than the Secretary previously had

He said he used his driver only about three times on occasions when he used the car as a mobile desk. The driver generally is assigned to other tasks.

"It's a luxury the public doesn't want to afford," he said.

Sad to note, the new car was hit the second day he had it.

Thirty other cars were eliminated from the Department fleet.

The phone bill was cut, too. They got a $5000 check back from Bell Telephone one month.

"We're just trying to do the little things every other family in this country has to do as the bills go up," he said.

"We're bragging we're going to make Agriculture Number 1 in '81. Pennsylvania Agriculture, we're growing better . . that where we're going," he concluded.—CH

Travel series to host lecture

LITITZ — The next program in the Travel and Adventure Series sponsored by the Paradise Rotary Club will be held Saturday, February 16, 7:30 p.m., at the Conestoga Valley High School.

Photographer-Narrator will be Chris Borden, in a presentation entitled, "Sparkling Switzerland". Borden describes Zurich, Geneva, Interlaken, and the Swiss Riviera as some of the attractions in Switzerland. You will see a political anachronism, an economic paradox, and everyone's favorite dot on the map

Tickets for the program will be available at the door at Conestoga Valley High School.

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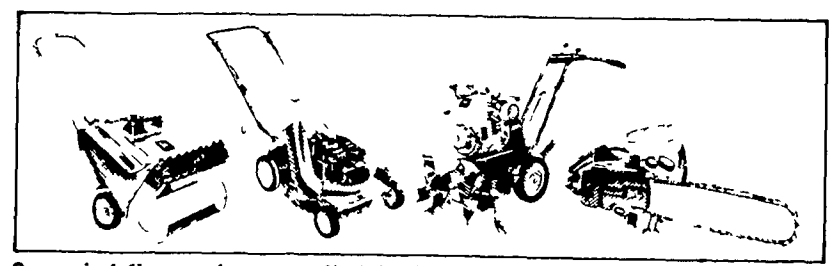

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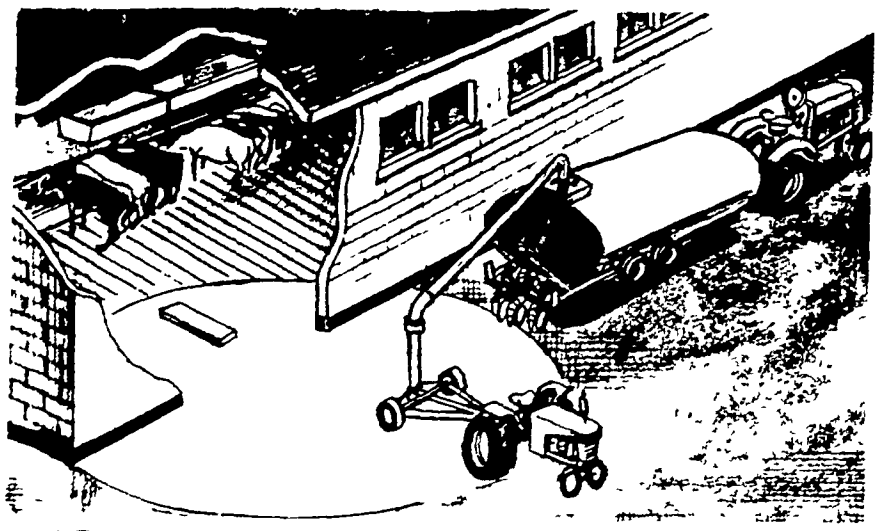

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Straight-talk on Beeferendum

LANCASTER — Beef producers will soon have an opportunity to vote in a referendum on a Beef Research and Information Order.

To vote, a producer must register between January 28 and February 6 at a local Agricultural Stabilization and Conservation Service office. Voting will be Feb. 19-22.

All cattle producers would be affected by the order and each individual (cow-calf operator, stocker-grower, feeder, dairy operator, etc.) who owned cattle during 1979 is eligible to register and vote.

The 1976 Beef Research and Information Act authorizes a national program under which cattle producers would be assessed to finance research and information activities designed to improve markets for cattle, beef, and beef products. This program will not be established unless producers vote to approve the order.

According to the Act, amended in 1978, for the order to become effective, at least 50 per cent of those registered must vote in the referendum and a majority of those voting must vote in favor of the order

Originally the Act required approval by two-thirds of the registered producers voting. An order voted on in 1977 was favored by 56.4 percent of those voting and was not approved.

If the order is approved, a Beef Board composed of up to 68 beef producers would be appointed by the Secretary of Agriculture to administer the order, collect assessments, and conduct a beef research and information program.

Up to five non-voting consumer advisors would be appointed to the board by the Secretary. The board would recommend qualified persons for these positions.

It would elect 11 of its members to serve on an executive committee. This committee could employ a staff and direct the program

within policies set by the board.

USDA's Agricultural Marketing Service would monitor the program. This review responsibility would include approval of the board's plans, projects and annual budgets.

Board members and alternates would serve without compensation but would be reimbursed for necessary and reasonable expenses.

They would be appointed to 3-year terms from nominations submitted by certified producer organizations.

Any organization representing producers may request certification by USDA to participate in nominating board members. To become certified, an organization's membership would need to consist of a substantial number of cattlemen who produce a substantial volume of cattle in a designated geographic area.

Each state or geographic area would have representation on the board proportional to its share of the U.S. cattle inventory.

The following geographic areas would be represented by one member and alternate: Alabama, Arizona, Arkansas, Florida, Georgia, Idaho, Illinois, Indiana. Kentucky, Louisiana, Michigan, Mississippi, Montana, New Mexico, New York, North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, South Carolina, Tennessee, Utah, Virginia, West Virginia, Wyoming, Nevada-Hawaii, Washington-Alaska, Maryland-Delaware-New Jersey - District of Columbia, and the New England States.

States entitled to two members and alternates would be: California, Colorado, Minnesota, Oklahoma, South Dakota, and Wisconsin.

Three members and alternates would represent Iowa, Kansas, Missouri, and Nebraska.

Texas would have 6 members and alternates.

The board would develop, and submit to USDA for approval, programs of research, consumer and producer information, education, advertising, and promotion for cattle, beef, and beef products.

The board could, with USDA approval, allocate funds for use by a State's beef council or other beef promotion entity to carry out activities under the order. Funds could not be used to influence government policy or action.

Advertising or promotion programs could not make misleading or unwarranted claims; make any reference to private brand names of beef or beef products; or use unfair or deceptive acts or practices with respect to quality, value, or use of any competing product.

Assessments would be made through a deduction by the buyer each time cattle are sold. Slaughterers would collect and send assessments to the beef board at the time of slaughter.

The final assessment would include the accumulated total of assessments paid by all owners of the cattle. The assessment rate could not exceed two-tenths of 1 percent of the sale price of cattle for the first two years of the program operation.

After that, the assessment rate could be changed by the board with USDA approval but could not exceed five-tenths of 1 percent.

At the two-tenths of 1 percent level, about $40 million would be collected annually.

With an assessment rate of two-tenths of 1 percent (20 cents per $100 value) the assessment process would work as follows:

A cow-calf producer who sells a calf to a stocker-grower for $400 would have 80 cents deducted from the check he receives.

If the stocker-grower sold the animal to a cattle feeder for $600 an assessment of $1.20 would be deducted by the feeder.

If the feeder sold the animal for slaughter for $800, the slaughterer would deduct $1.60 and forward it to the beef board.

Each owner would contribute an amount based on the value they added to the animal. In this case the cow-calf producer contributed 80 cents and the stocker-grower and cattle feeder each contributed 40 cents.

High-valued breeding or dairy animals would be exempt from assessment until slaughter. Since these cattle reach their peak value prior to slaughter, rather than increasing in value until slaughter, they do not fit the value-added concept of assessment.

Beef producers not wishing to fund the program would have their assessments refunded upon request when accompanied by proof of payment. The refund request would need to be made within 60 days after the end of the month in which assessments were due. The board would make refunds within 60 days of the request.

Slaughterers would maintain and make available to the board or USDA information needed to carry out the order. All such information would be kept confidential.

The order would be terminated if it is not carrying out the policy of the Act. The Secretary is required to hold a referendum to discontinue an order if requested to do so by at least 10 percent of the number of producers that voted in the referendum that originally approved the order. An order would be terminated if a majority of producers, accounting for more than half of the cattle produced by all voters, favored termination.

CORRECTION

The date for Animal Health Day at the Farm and Home Center was incorrectly printed as Feb. 15 in last week's Animal Medic ad. The correct date is Tuesday, February 5. See page 13. We apologize for any inconvenience this may have caused.

Two PEMA officers from Lancaster Co.

LANCASTER — Two Lancaster County men were recently elected as officers for the 1980 Pennsylvania Egg Marketing Association.

Paul Fischer, Rheems, was elected to serve as the organization's president. And, Paul Sauder, Lititz, was elected to the office of treasurer.

Other PEMA officers include Galen Buckwalter, Greencastle, as vice-president, and E.J. Lawless, Jr., Harrisburg, as secretary.

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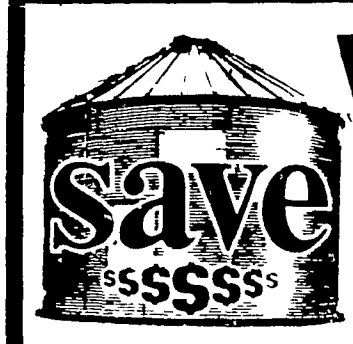

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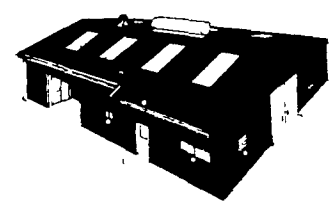

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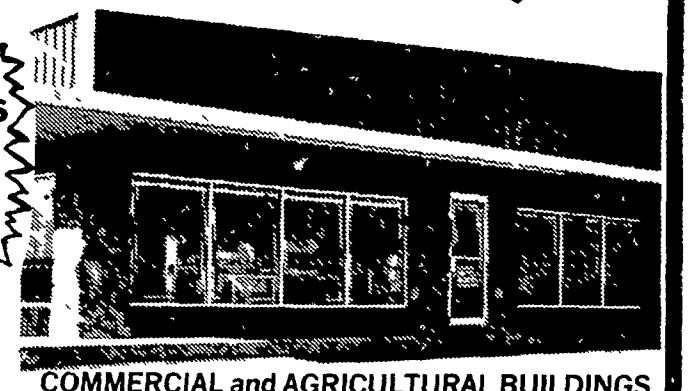

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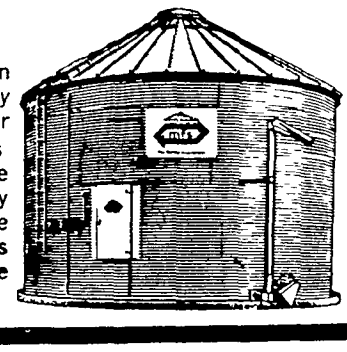

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Mason-Dixon

(Continued from Page A1)

Manure entering the pit contains about 12-percent solids. In its two week long journey through the pit, the manure loses 20 percent of its weight, much of its acidity and comes out at the other end bearing nine percent solids.

Engineering for the system, which was installed in September, was done by the firm of Sheaffer and Roland, with offices in Washington, D.C., and Chicago.

Many of the construction techniques are still Sheaffer and Roland secrets, but the basic idea is simple, according to Jack Sheaffer, a Lancaster County native from the village of Bird-in-Hand.

Sheaffer holds a PhD in engineering, lives in Chicago and is president of Sheaffer and Roland. S&R, he said, has been working on methane electrical generation for a number of years, but that this is their first really successful venture.

"This is an economic unit," Sheaffer said.

"We didn't need a government grant to build it. There are lots of digesters around the country, but this one works. It should pay for itself in anywhere from three to five years, and it takes a minimum of labor to operate.

"It can be readily linked to a still for the production of alcohol, and it can help solve the dairyman's pollution control problems."

Sheaffer said the Waybright system cost $150,000 and that with all the engineering work done, and the experimental bugs worked out, they could not reproduce a similar system in anywhere from three to four weeks.

One drawback to the system is the number of cows needed to make it economically feasible.

Sheaffer feels 400 cows would be needed to make the system pay for itself with electrical power savings.

But that doesn't take into account the pollution control, the value of the alcohol that could be generated with a still using waste heat from the generator, or the value of the reclaimed bedding that Waybright is getting from his system.

At Mason Dixon, they've got more than enough cows to power the system. In fact, they're only using part of their cow power.

A freestall barn housing 700 cows is flushed twice a day, with water recycled from previous flushings and from the milk parlor.

Some of the manure laden water goes into the pit below the bag.

In order to work, the put must be kept at least at 95-degrees F., although it is running five-to-eight degrees above that.

Heat to keep the pit warm comes from a heat exchanger on the generator. Water warmed by the generator circulates through pipes in the pit.

Biogas production has been going so well that Met Ed is seriously interested in hooking the farm onto their power grid as an electrical supplier.

If the figures developed by Sheaffer and Roland are borne out by a year or so of practical experience on the Mason Dixon Farm, the liklihood that other utilities would hook up to other farms seems almost certain.

Waybright's construction cost per kilowatt of generating capacity was $350. That compares to $1200 for a nuclear plant, and about $1500 for a coal generating facility.

Waybright expects to be using a 300 kw generator to supply Met Ed, and he thinks he might be able to run it off the same manure pit now supplying his 100 kw generator. There is a possibility, though, that they'll have to build another pit.

With the excess heat from the generators, a 200-gallon per day gasohol still will be put into operation.

The still would use nearly half the farm's corn crop of 65,000 bushels per year.

Going into the still, the corn would be seven to nine percent protein. It will come out as distillers grains at about 30 percent protein, which the farm would use for dairy feed.

If the still were to operate 300 days a year at 200 gallons a day, Waybright feels they would be able to replace all or a major part of the 25,000 gallons of diesel fuel and 15,000 gallons of liquid propane they now buy annually to run tractors, to heat water and to dry their hay and grain.

PENNSYLVANIA AGRICULTURE
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WE'RE GROWING BETTER

This black rubber bag traps methane gas escaping from fermenting manure from part of the Mason Dixon dairy herd.

Richard Waybright, part-owner and manager of Mason Dixon Farms, Inc.

Some 200 reporters and government officials converged on the Mason Dixon Farm Wednesday to look at a methane digester that should cut the farm's annual electricity bill in half, from $30,000 to $15,000 and eventually eliminate the need for any power purchases.

The Stewart & Stevenson dual fuel Diesel engine drives the Delco generator which provides electrical power for the farm. The piping in the background transfers methane gas from the digester to the engine. The rectangular metal box located above the engine in the exhaust piping will recover the waste heat from the engine. Future plans call for this waste heat to power a grain distillation plant.

Manure that has passed through the methane digester is free of disease-causing organisms. By extracting the liquid from the solids, the solids can be used for bedding. The machine that separates the solids and the liquids is a new idea from Surge, and is now being test marketed around the country. Initial units, at about $25,000, are still quite expensive.

Hallowell urges spectators - exhibitors contact

Livestock men confront Hallowell

BY SHEILA MILLER

ARRISBURG — Several stock associations found on Tuesday that getting alk to the man on top is an impossibility when it es to the Pennsylvania retary of Agriculture.

ecretary Hallowell spent ut two full hours listening taking down key points n discussions with esentatives of the Pa. ep and Wool Growers, n-Mar Shropshire oc., Pa. Polled Hereford oc. , Pa. Livestock oc., Pa. Charolais oc., and the Pa. Angus oc.

ne of the main topics of conversation was the d for more space at the n Show Complex.

ccording to Frank cey, president of the Pa. A, Secretary Hallowell aware of the need for an itional building, and med to be familiar with ry nook and cranny of the rent facility.

allowell told the estock reps that slation will be acted on the Pa. legislators this nth which will set up the budget. He said that rything for a new lding is set to go, now all t's needed is the funds to a contract for con-uction to start.

e stressed the need for eryone, not only livestock commercial exhibitors, contact their represen-ves in the State House Senate and ask that monies be appropriated for a new building.

"Hallowell pointed out that legislators are sometimes not aware of the needs of agriculture, especially those from urban area, so they need to be contacted and informed of the need for improvements at the Farm Show," Darcey said.

Both the Secretary and the livestock people were aware of the vast number of spectators who visited the Farm Show this year. But, no one could come up with the actual number of people who walked through the complex.

In their meeting, the idea of possibly charging a nominal admission fee was exchanged.

The livestock reps felt this might be one method of knowing exactly how many people visit the show. They did not suggest this admission fee for the purpose of making money, noted Darcey.

They also suggested to the Secretary that a nominal fee charged at the door would eliminate the traffic jams created by the $1 parking fee collected in the parking lot.

The possibility of extending the Farm Show to a two week show was also discussed.

The livestock people pointed out this would allow the spectators more time to see the show, would allow more entries per exhibitor, and would eliminate the crowded show schedules.

Secretary Hallowell noted that some of the commercial exhibitors also mentioned this possibility. He said there were so many spectators that salesmen had to fight crowds to talk to potential clients, noted Darcey.

The cattlemen requested new tie outs for next year's show, along with a security light.

"There were instances this past show where cattle were turned loose during the night by pranksters," Darcey stated. "The security light would allow the security guards to keep a better watch on the cattle tie-out area."

The livestock reps also pointed out to the Secretary that they felt the trucks which stayed at the Farm Show from Saturday until Friday should be parked away from the buildings, in a designated area.

"This would eliminate some of the congestion in the parking lots next to the barns," Darcey added.

"As beef exhibitors we also mentioned the poor electrical system in the beef barns, with outlets hanging from the ceilings where nobody can reach them," the Pa.PHA president recalled. "And we told Secretary Hallowell how the circuit breakers would go off when two people plugged into the outlets, holding up the exhibitors."

"All told, we covered 14 points," Darcey said," and the secretary listened very patiently. We were all favorably impressed with his willingness to talk. We all know that if you can't communicate, you can't solve problems.

Attending the meeting were: Clyde Brubaker, Pa. Sheep and Wool Growers; Frank Darcey, Pa. Polled Hereford Assoc.; Cliff Orley, Pa. Charolais Assoc.; Jesse Terry, Pa. Livestock Assoc.; Craig Peterson, Pa. Polled Hereford Assoc.; Walter Laird, Pa. Angus Assoc.; and Barbara Platt, Penn-Mar Shropshire Assoc.

Hog mange on upswing, spraying recommended

FORT WAYNE, Ind. — With more producers turning toward larger, total confinement units, hog mange is an increasing problem. Without a routine spraying program, mange can rob producers of weight gains and cause increased scours problems.

Sarcoptic hog mange, the most common type of mange in the U.S., is caused by parasitic mites which burrow deep into the skin, according to Dr. John Hottell, Master Mix swine veterinarian.

"Early signs of sarcoptic mange mite infection usually begin over the face, around the ears, or in other places where the skin is tender and the hair is thin," Hottell says.

Within six weeks, the lesions can spread and multiply over the neck, shoulders, body and legs until the entire body is involved. In older pigs, the first signs may appear around the ears, tail, and between the front and hind legs.

The irritation and itching caused by hog mange causes the animals to rub and scratch vigorously, resulting in skin inflammation and restlessness. Producers with mange in their herds suffer losses from poorer growth rates and higher incidences of scours.

"Sarcoptic hog mange is a widespread problem wherever swine are raised. Naturally, it is more prevelent in the areas where swine numbers are the greatest," Hottell says.

Twenty-one percent of 1000 carcasses examined in a Nebraska slaughter house revealed varying degrees of sarcoptic mange mite infestation,he adds.

"Pigs of all ages and conditions are susceptible to sarcoptic mange, but usually the disease is less severe and spreads less rapidly in well-fed, well-kept rigorous animals than in weak or unthrifty hogs," he says.

To prevent hog mange, the veterinarian recommends producers treat all new hogs before they are added to the herd.

Incoming hogs should be sprayed twice at four-day intervals with a high-pressure spray to force insecticide into the mite tunnels.

Sprays which combine lindane and toxophene, have been shown to be the most effective in eradicating the mites.

When spraying, special attention should be given to the inside of the ears, as well as between the front and hind legs and over the rest of the body.

"If a herd is already infested with sarcoptic mange, the herdsman should direct his spraying efforts to the sows, since they are the source of infection for the baby pigs," Hottel says. He recommends the sow herd be sprayed every two weeks from the time of breeding until 30 days before farrowing.

Again, the spray should be directed inside the ears, in addition to the rest of the body.

Hottell suggests producers consider using a dipping vat similar to those used for sheep. Since there are no hog dipping vats available commercially, some producers have built their own.

With all insecticide products, producers should read and follow label directions.

Stay warm in the coldest weather

YORK — There are simple rules for staying warm outdoors during winter.

One rule is staying warm is easier than getting warm after you have gotten cold.

Wind on a moist surface, such as the skin, increases the cold by causing evaporation. Wind chill is a function of temperature and wind speed, so work should be paced to avoid sweating.

If bare skin must be exposed to the cold, it should be kept out of the wind. People should turn their backs to the wind, to protect their faces which must be exposed for vision. Most of us do this automatically. The ski mask, which exposes only the eyes, is a piece of clothing to help this problem recently in common use.

Some other reminders about keeping warm:

Loose clothing in layers creates pockets of air and air is a good insulator.

Circulation is necessary for the blood to warm the body.

Boots and belts should be comfortable.

Gloves should not be too tight.

Mittens are better than gloves allowing the fingers to give supportive warmth to each other.

Circulation can also be improved voluntarily for short periods of time by exercise. Swinging the arms and stomping the feet can warm cold toes. Running a bit can warm the whole body, but overdoing it to sweating will make one colder in the long run. Shivering is nature's way of making a person run without going anywhere he wants to or not.

Drinking cold beverages will cause a heat drain on the body as will eating snow or ice. Drinking warm or hot liquids is preferable in cold weather.

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Goat Club welcomes new member

FLEMINGTON, N.J. — At the last meeting of the Hunterdon County Kids 4-H Goat Club, one new member, Jeff Peterson, was welcomed. Jeff has one Toggenburg goat.

The club discussed what games were going to be played at the Goat Club Holiday Party & Covered Dish Dinner.

Members also made plans for a Club Christmas Party.

Members will go caroling through Bloomsbury, followed by a Christmas Party at the home of Mrs. Peck, club leader. Everyone is to bring a gift that can be used by goats. Reported by Kathy Haines, Club Reporter.

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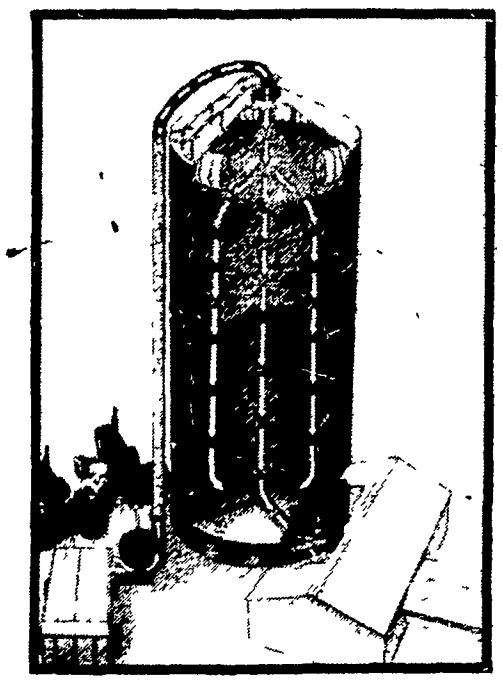

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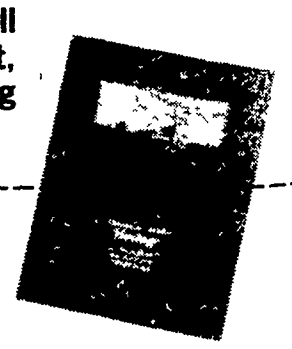

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Six states join forces to fight acid rain

HARRISBURG — Pennsylvania has joined five other states in an effort to change federal air pollution policies in the midwest that have aggravated acid rain and caused other environmental and economic problems in the northeast.

Environmental Resources Secretary Clifford L. Jones said officials from the six states will meet Wednesday in Washington with Douglas Costle, administrator of the U.S. Environmental Protection Agency, to discuss the problem.

Jones said he will meet afterwards with members of the Pennsylvania congressional delegation's steering committee to brief them on Costle's response.

Joining Pennsylvania in this effort are the states of New York, New Jersey, Vermont, Connecticut and Massachusetts.

"Basically, we want EPA to recognize that air pollution doesn't respect political boundaries and that each state should be responsible for cleaning up its own fair share of air pollution," Jones said.

"Unfortunately, EPA has failed to recognize these basic facts and Pennsylvania and the other northeastern states are paying the environmental and economic prices."

Jones said EPA permits power plants in the midwest and in the heavily industrialized Ohio River Valley to burn uncleaned, high sulfur coal and discharge the pollution from extremely tall stacks.

This strategy allows those states to meet the federal ambient air pollution standard, but the pollution discharged from the tall stacks into the upper atmosphere has to go somewhere.

And there is growing evidence that the prevailing west-to-east weather patterns carry it long distances into Pennsylvania and the rest of the northeast.

"We have measured some of the most acidic rainfall in the world in Pennsylvania and we fear that continued acid precipitation will endanger our high quality trout streams and the fertility of our forests and farmlands," Jones said.

"We have been lucky that Pennsylvania's soils and streams have a relatively high buffering capacity. New York, for example, has been losing its high mountain lakes to acid rain at an alarming rate."

Jones said Pennsylvania and other northeastern states have to pay a high economic price for this midwestern air pollution.

"Not only do we have to suffer the economic impact of acid rain, but we also have to require our industries and power plants to meet much stiffer air pollution control requirements," Jones said.

"This makes our states less attractive for industrial development than the states that benefit from EPA's narrow, shortsighted policies.

"It forces our industries to pay more for air pollution controls and it requires customers of Pennsylvania's electric utilities to pay higher rates."

Jones said this violates the basic purpose of the federal clean air act, which was to impose uniform pollution control requirements so that one state wouldn't gain a competitive advantage over another.

"What's more, the EPA policy jeopardizes the health of people who live in portions of southwestern Pennsylvania," Jones said.

"We have evidence suggesting that the level of pollution transported from the midwest are so high that these areas will not meet the federal health standard, even when all sources in that part of the state are in compliance."

Jones said Pennsylvania has asked EPA to impose regional air pollution standards that take into account the long distance transport problem and require the states involved to share equally in the control requirements.

Pennsylvania has filed a lawsuit challenging an EPA decision to relax sulfur dioxide control requirements at two West Virginia power plants and asking the court to order EPA to impose regional standards.

DER has also threatened to take similar actions to stop proposed relaxations at two power plants in Ohio.

"We're not trying discourage the use of coal Jones said. "We just wa other states to impose th same requirements f cleaning and blending th we have imposed on pow plants that burn Pen sylvania coal."

Amer. Simmental Assoc. on upward swing

BOZEMAN, Mt. — The American Simmental Association continued its steady growth pattern during 1979 according to year end statistics released by Executive Secretary Earl B. Peterson.

New lifetime memberships in ASA increased by 31 per cent, totaling 1,265 as compared to 963 in 1978, and 988 in 1977.

The strong surge in memberships occurred even thought the lifetime membership fee was increased on March 1 from $100 to $150. ASA is unique in that it is one of the few breed organizations that requires only a one-time lifetime membership rather than annual renewable memberships.

"The growth during this past year has been extremely encouraging", Peterson said in pointing out that sizeable increases also were experienced in the number of Simmental registrations and transfers and in Simbrah registrations.

Registration certificates were issued for 65,455 head during the year, an increase of 8 per cent over the previous year. The number of transfers increased by 22 per cent, from 33,714 in 1978 to the current total of 41,257.

The Simbrah registry, which features crossbred genetics of two established breeds, the Simmental and the Brahman, recorded a startling increase of 69 percent, jumping from 1,152 in 1978 to 1,953.

"Transfers for the year were at an all-time high, indicating the healthy, current demand for Simmental breeding animals," Peterson remarked. "Sale averages were consistently above a year ago. The large number of new members shows that the demand for Simmental cattle will remain strong for the coming year."

Records show the first clock was built about 1360. It was made of iron with a 500-pound weight and only one hand. It was off about two hours a day.

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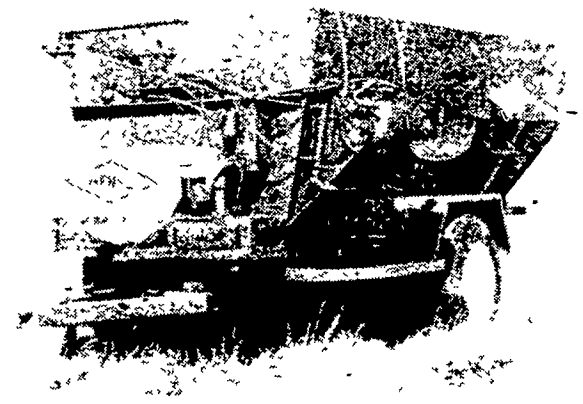

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Young farmers schedule manure management meeting

TERRE HILL — The Garden Spot Young Farmers are sponsoring a Manure Management meeting on Tuesday, February 5, 1980, at 7:30 p.m. at the Union Grove School.

Topics to be examined will be the equipment available to move manure underground into storage, and the effects of overmanuring on our soils and crops.

Speakers for the meeting will be Bill Brubaker from Organic Plant Food, Bill Wingenroth from Penn-Jersey Harvestore, and Charles Aungst from Jamesway.

The manure handling equipment to be considered will include air pressure systems, scrapers, pumps, and rams. The advantages and disadvantages of each system will be considered with respect to where they can best be used with various types of storage systems.

Another major concern that will be studied is the effect large amounts of manure is having on our soils and crops. Nutrient imbalances are occuring that are having serious effects on crop yields and quality.

Discussion will be held on how to recognize these problems and how to overcome or prevent them.

Gasohol meeting set for farmers

DOVER — "Gasohol - how to get started" is the topic of a special meeting scheduled this Tuesday, February 5, at the Dover High School Auditorium, beginning at 7 p.m.

All area farmers are welcome. The Union Grove School is located on route 625, 2 miles north of route 23. For further information call Donald Robinson, Adult Farmer Instructor, at 445-5041.

Floyd Horst will be the featured speaker at the meeting, sponsored jointly by the Dover Young Farmers Association, the York Bank and Trust Company and the York County agriculture extension service.

Horst is a Lebanon County farmer who's gained recognition for his experimental work with on-farm fuel distillation. Along with his engineer, Bob Kreider, Horst has developed various stills for ethanol production and has several patents pending.

All county farmers are invited to the meeting. The Dover High School is located on Canal Street, just west of Route 74.

•••

Americans spent an estimated $239 billion on food in 1979. Of that amount, farmers got an estimated $76 billion, or less than a third.

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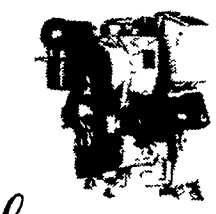
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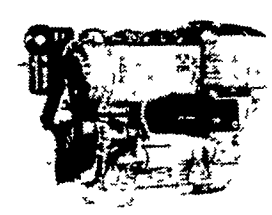
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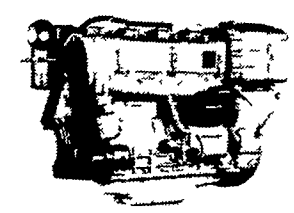
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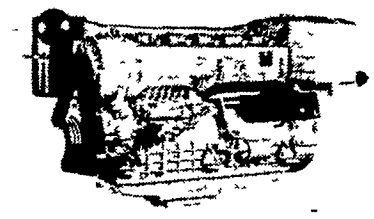
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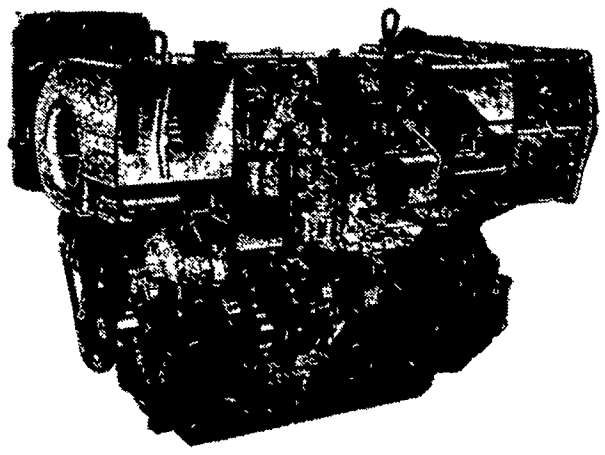

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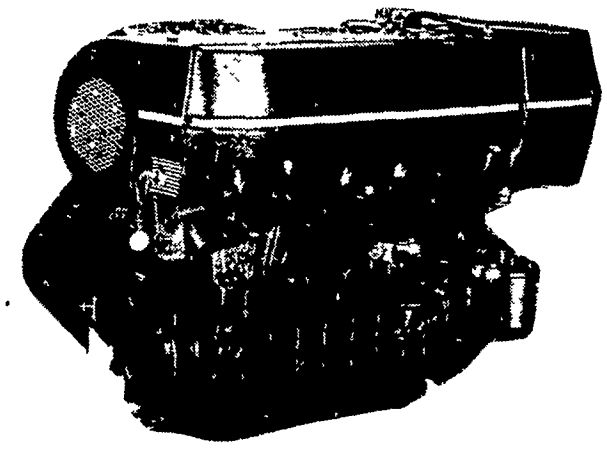

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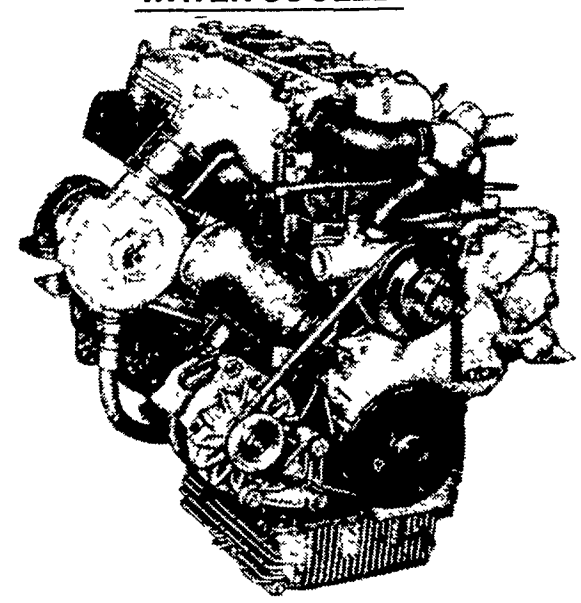

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Cumberland Holstein Club sets annual banquet date

CARLISLE — The Cumberland County Holstein Club's annual meeting and banquet is scheduled to begin at 10:45, Saturday, February 16.

This is a change from usual procedure. This year the banquet will be held on Saturday at noon with business sessions and speakers scheduled before and after the banquet.

Highlights of the program include a talk by Robert Pepple, Chester County Holstein Breeder, on "Why I breed registered Holsteins."

Robert Morris, special program director of the State Holstein Association, will highlight the state group's activities for the past and current year.

Cumberland County Ag Agent Duane Duncan will recap County club activities and will talk on "Telling the Farm Story."

The program also will include brief reports by State Director Thomas Sheaffer and County Club President Mark Naugle.

Dairy refreshments will be served from 10:45 to 11:15 with the business meeting starting at 11:15. The program is scheduled to adjourn no later than 3 p.m.

Tickets to the event will be available until February 8 from the Agriculture Extension Office or from Club officers. The tickets sell for $5.

Hunterdon horse council meets

FLEMINGTON — The Hunterdon County, N.J. 4-H Horse Council had a meeting in January. Beverly Martel discussed some stalls that were for sale to see if they could be used at the Flemington Fair. The stalls are 8' x 8'.

It was announced that the Junior Horse Bowl team is doing very well. The competition is February 9, 1980. Other important dates include a manditory rules meeting for the Qualifying Show in April 24, 1980, with the two Qaulifying Shows on June 14 and July 12. These dates are permanent dates for years to come.

•••

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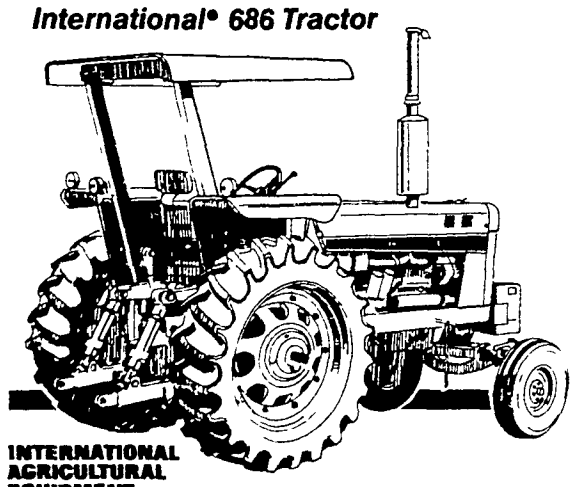

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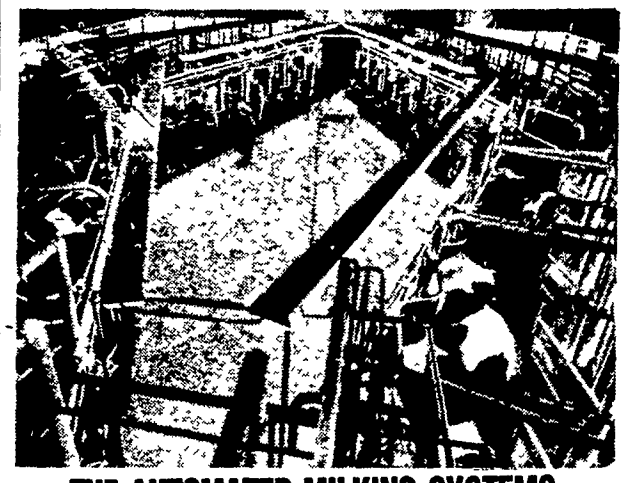

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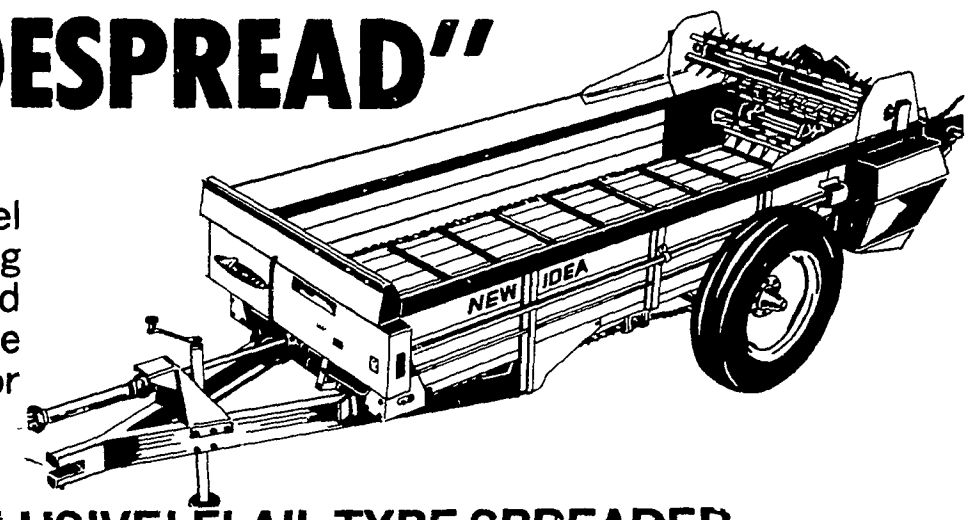

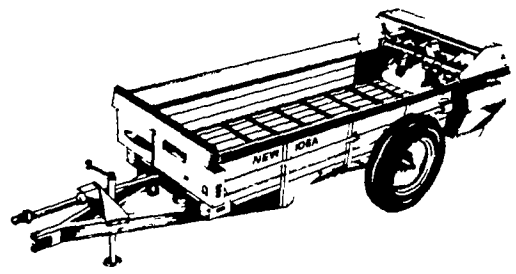

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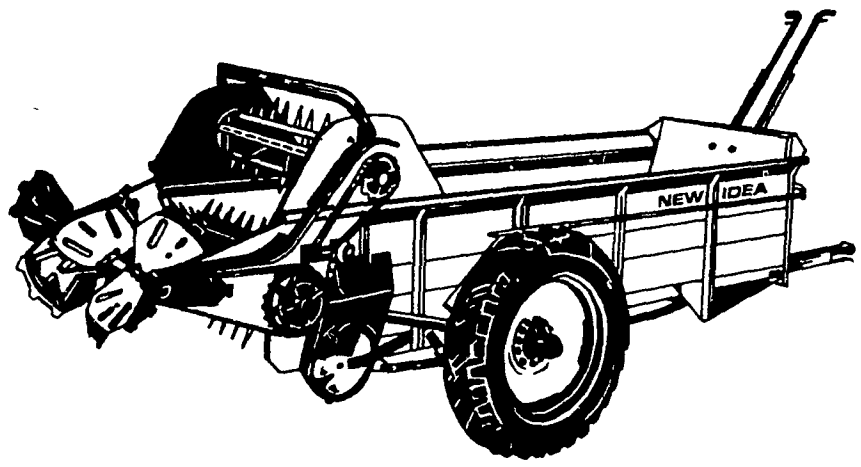

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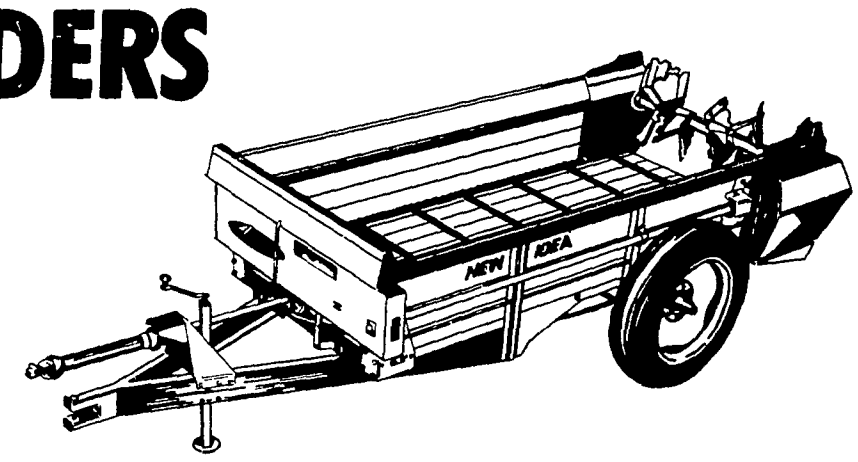

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Bradford County sawmill

Single pine tree scales 1800 board feet

BY JANE BRESEE
Staff Correspondent

BUMPVILLE — Old, tall, native white pine trees are becoming increasingly rare in Bradford County and custom saw mills are few and far between.

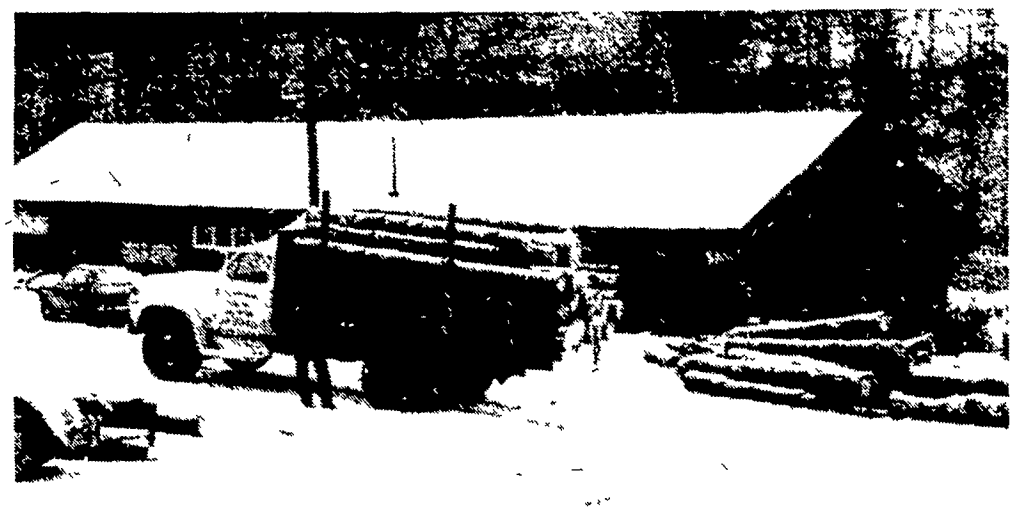
Recently one of the giant century old pines was cut and hauled to be sawed at Lyle Eiklor's sawmill near Bumpville in north central Bradford County.

John Allen, a professional logger, cut down the 80 foot tall pine near Wysox. It scaled 1800 board feet in the woods and was cut into six logs. Four were taken to Eiklor's mill, and the upper two, knotty with tree limbs, were hauled away for another use.

The bugg lot, measuring 39 inches at its widest part, was first on the carriage to be sawed.

"Shaping it up" into a square beam by turning and sawing it three or four times required the skill of an expert sawyer, Elmer Crain of Bumpville. Fifteen prize boards, 19.5 inches wide, one inch thick, and 14 feet long, a plank, and some smaller pieces were the fruit of the butt log.

Eiklor delivered 1300 board feet of beautiful pine boards from that one tree to Ed Cook of Wysox, a mason and carpenter, who had always dreamed of having some lumber from "one of those old pine trees."



Lyle Eiklor's custom sawmill, north of Wysox in Bradford County, is one of the county's few remaining mills. Logs from one of the local old pine trees lie just inside the mill.

Cook stacked them to dry for at least a year, but has not decided how to use them.

Lyle Eiklor's custom sawmill, nestled down in a hollow near a creek, is one of the few left in Bradford County. He and his brother, Clayton, built the mill about 15 years ago installing some of the equipment from an old sawmill in Owego.

An old Case tractor engine bolted down on one side of the mill powers the 52 inch saw, the edger, and a blower which sends sawdust into a waiting wagon outside. Eiklor uses the sawdust for bedding for his herd of 56 prize Herefords on his farm nearby.

He also has a planer set up on his barn floor to make matched boards.

Eiklor's son, Leslie, brother Clayton, and his neighbor, Elmer Crain, help with the sawing three or four times a week. Frequently neighbors drop in to watch or help

Eiklor who still lives in the same house where he was born has a nostalgia for the "way things used to be" and felt that the sawing of the old pine tree was an event that deserved being recorded for others to know.

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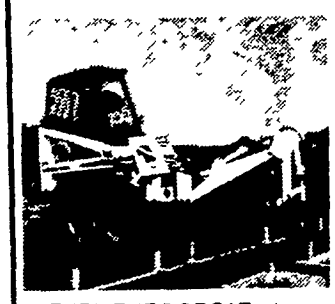

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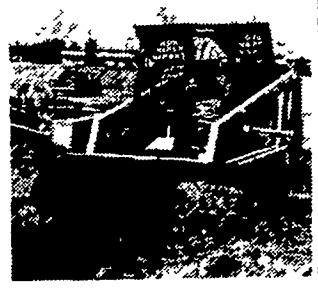

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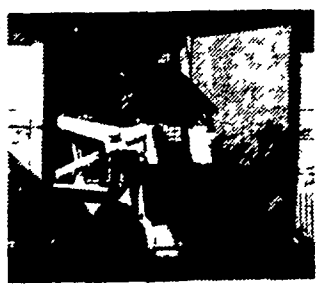

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PCB contamination report submitted to congress

WASHINGTON, D C — The U.S. Department of Agriculture was hampered by technological and administrative weaknesses in responding to a recent incident of polychlorinated biphenyl contamination of meat, poultry and egg products in the western United States, according to a report submitted to the House Subcommittee on Oversight and Investigations.

"We made a comprehensive examination of this incident, and found a number of instances where our response was delayed, our technology, legislative authority and resources inadequate, and our personnel not sufficiently aware of the gravity of the situation," said Carol Tucker Foreman, assistant secretary of agriculture for food and consumer services.

"This critical assessment will enable us to make changes in important areas that will leave us far better prepared to grapple with the potential food contamination problems of the 1980's," Foreman said.

According to Foreman, USDA is taking the following actions as a result of the incident:

Together with the Food and Drug Administration and the Environmental Protection Agency, USDA's Food Safety and Quality Service is formulating proposals to ban the installation of any new PCB-containing equipment in food processing plants, and possibly to eliminate PCB-containing equipment presently in food processing plants.

USDA has established a comprehensive emergency response system for dealing with environmental contamination, and systematically lays out actions to be taken in an emergency from initial detection to final clean-up.

The specific responsibilities of each involved USDA component, and the organization of a 'response team' are described, for use whenever mobilization to control and eliminate contamination of the food supply becomes necessary.

USDA will request legislative authority to quarantine suspect animals on the farm, and to enable faster and more accurate tracing of the source of contamination problems, through mandatory owner identification of all animals sent to slaughter

Expanded training and education of USDA personnel will emphasize public health and economic consequences of environmental contamination in the food supply.

USDA will increase research efforts to find quicker, more effective tests for chemical residues in food.

Foreman said the present USDA residue sampling system was not designed to detect each incident of residues in food animals, but, she said, USDA is now examining ways to provide greater assurance of a food supply free from contamination including increased and earlier sampling, expanded research in new detection techniques, a broadened information base, and greater reliance on private sampling.

The PCB contamination incident came to light in August through routine testing under a residue monitoring program of USDA's Food Safety and Quality Service. After a tissue sample from a laying hen showed high levels of PCB, the source of contamination was traced to meat meal manufactured at a slaughtering and by-product plant in Billings, Mont., where a ruptured transformer leaked PCB into the processing system.

Confederate is top-priced Angus bull at National Western

ST. JOSEPH, Mo. — The Stadium Auction Arena was packed with an enthusiastic crowd for the 1980 National Western Angus Bull Sale, where 57 lots averaged $5,554, reports Bill Roche, manager of the sale for the American Angus Association.

Confederate, high-selling bull and grand champion of the sale bull show, brought a top bid of $33,000 for two-thirds interest. He was consigned and shown by James Hicks, M.D., Union Springs, Alabama, and sold to Midwest Breeders, Shawna, Wisconsin.

The second high-selling bull brought $19,000 for two-thirds interest. He was Gallaghers Patriot 909, the sale bull calf champ consigned by Radar Farm, Bridgewater, Connecticut. He sold to Rushmore Angus, Rapid City, South Dakota.

Reserve grand and reserve senior champion sale bull, Pinkertons Emulous F666, shown by UT Ranch, Tuttle, Oklahoma, sold for $10,500 to Ferguson Ranch, Inc., Cheyenne, Wyoming.

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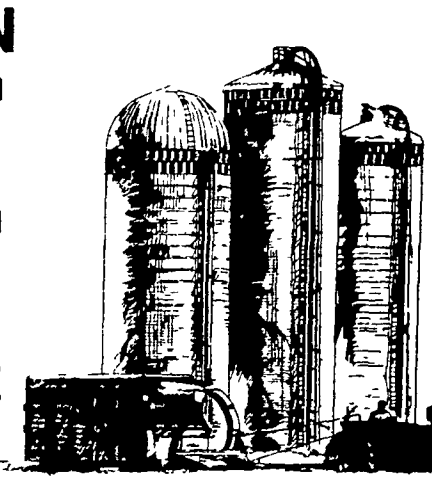

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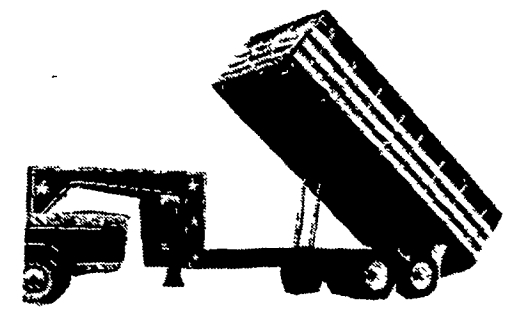

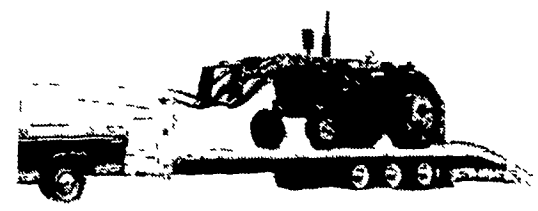

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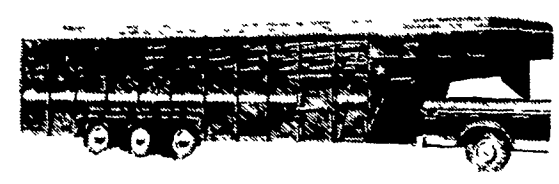

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For Sale - Oliver 1550 diesel, excellent condition, low hrs., new tires, wide front end. 717-898-2509 or 717-569-0675.

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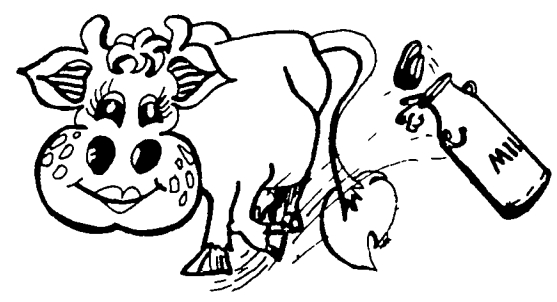

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For Sale - 2 Zimmerman 9" manure auger risers, 1 yr. old, $400 each. 2 5 hp. single phase motors $300 each. 717-244-6114.

For Sale - Rod and main bearings for TD9 tractor (standard size) $150.00. Also Farmall H tractor wheels (rubber poor) $50.00. John L. Stoltzfus, Spring Run, Pa. 17262.

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Wanted - NH 78 baler for parts, contact John Rhoades, RD 6, Tunkhannock, PA, 717-836-4228 (barn), 717-836-5495 (house).

For Sale - JD 1460 plateless corn & bean planter, 6 30" rows, insecticide, depth wheels, fertilizer attachment, good condition. Lester C. Jones & Sons, Medford, NJ 08055. 609-267-0198.

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For Sale - Dunham Bush model 5002 water cooled 5 h.p compressor, with or without motor. Lepter Farms, Inc. R.D. 1, Box 215, Kennedyville, MD 21645.

Hay Equipment For Sale - NH 489 Haybine, like new, NH 273 baler, excellent, NI hay rake, 609-298-7874, 609-298-1683.

Gandy fertilizer spreaders and insecticide applicators for sale. Gideon F. Stoltzfus, Gap RD2, Lanc. Co. 2 mi. N. of Gap along Rt. 897, Box 2276.

NOTICE - Would the man who recently moved from Canada by the name of Mast who has the two McKee snowblowers to sell please call 717-656-6801.

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For Sale - FORD TRACTOR - Model 800 - 1959 $1,350.00. 1-215-874-5513 after 4:00 P.M. Del. County.

For Sale - 1972 20x60 Harvestore - Goliath unloader, also Fox corn head and Lamco forage wagon, Call 301-692-5602 or 301-357-8529.

For Sale - 1 Sickle Bar Cutter for Massey Ferguson (3 point hitch) Needs work - $50. 1-215-874-5513 after 4:00 P.M. Del. County.

For Sale - New Papec model 8800 grinder/mixer, used 2 months, Blair Co. Ph. 814-793-3926.

For Sale - One 2-row mechanical transplanter, trailer type, like new. 717-687-6553.

For Sale - Ford 3 bottom 3 pt. hitch plow. Two drag 3 section harrows. 1-row corn picker. 215-377-4549.

For Sale - 5 tooth Landoll soil master chisel plow, AC 2300 series 10' disk harrow, AC 600 series no-till frame, 4 row corn planter with fertilizer & herbicide attachment & seed press wheels, #404 NI wheel rake, JD 1069A wagon chassis, 165 bu. Kilbros gravity box, all equipment is in excellent condition Reason for selling quit farming. Lancaster Co. Ph. 717-738-1296. after 6 P M. Ask for Jay.

For Sale - Ford 9N, like new, 3 pt. hitch with Massey Ferguson 2 bottom plow, cultivator, shovel, belt pulley, all manuals. $3250, 215-766-8136 Danboro, PA.

For Sale - TRACTOR - John Deere Model B1941. Does not run $100. 1-215-874-5513 after 4:00 Del. County.

For Sale - JD 800 SP windrower $1250, Wisc. 65 hp. engine, new $1250, 814-364-1349.

For Sale - TRACTOR - Allis Chalmers D-17 (1967) $2000. 1-215-874-5513 after 4.00 Del. County.

For Sale - Better Bilt 1500 vacuum spreader $2800, 54" silage blower $200, 14" Lamco forage wagon $700, new drill press, 12 speed. Lancaster Co. 717-548-2896

For Sale - New E.Z. Trail farm wagons, wagon beds and farm gates. B. John Stoltzfus, Gap, RD1, Lancaster Co

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For Sale - 1066 Int., WF, cab & air, dual valves; 686 IH diesel, WF, dual valves, TA, 2 post canopy; 966 diesel, WF, front weights, new 18.4x38 tires, 717-786-2534.

For Sale - 4 bottom Int. rollover plow $1500. HD 4 AC front end loader $300, 302-378-9164 after 6

For Sale - JD 95 eb combine, cab, heater, 14 ft. hyd. hume reel, 4 row corn head, asking $9000, also JD 4400 combine, 13 ft. flexible cutter bar grain head, asking $14,000, both real nice condition 609-397-1516.

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5 silos to be disassembled and removed from property. For information call 301-557-9390 collect between 9 a.m. & 4:30 p.m.

For Sale - Ford 7700 tractor, 1300 hrs., excellent condition, Ford 4100 tractor, 500 hrs., like new, 717-662-2814.

For Sale - Ag-Gator model 1004, used 555 hrs. 4 WD row crop, 1000 gal. stainless tank, 50 ft. hydraulic booms. 717-788-2865 Luzerne Co.

For Sale - Prowler - Travel Trailer, 17' awning & extras, good condition, Berks Co. 215-386-5885.

For Sale - JD 3020 gas tractor with JD 48 loader, good condition $7500, 717-587-4839.

For Sale - 4010 JD diesel, WF, front & rear weights, 5010 JD rear weights, dual valves, equipped with 9 ft. front blade. 717-786-2534.

For Sale - Taylor Way 14' wing fold disc. Also Int. 40 wheeler w/New Leader L-10 lime spreader. Phone Days 717-586-4316 or Eve. 717-586-0226 Lackawanna Co.

For Sale - Hesston 500 self-propelled windrower 12' cut, Kools recutter blower 1,000 RPM with magnet, New Holland mower with 9 ft. bar. 301-824-2063.

For Sale - 1 pair 6 ply 18.4x38 Goodyear tires, new $600; 1175 Case dual valves, dual 18.4x38 tires, 1600 hrs. 717-786-2534.

For Sale - NI 7 ft. cutditioner with 2 sets of flails, 1 set never used, $1900. 717-687-9061.

For Sale - AC B125 engines, completely rebuilt, one with starter and generator, tractor and engine rebuilding. Steven S. Fisher, 141A N. Ronks Rd., Rd 1, Ronks, PA 17572.

For Sale - 400 Farmall gas, 36 ft. Little Giant elevator, PTO or electric, evenings after 7 215-869-8745.

For Sale - Dump boxes - Farmhand F94 & F98. Tractors. 560 diesel, 2 IHC 234 sweet corn harvester, also 1 with husking rolls, (2) 32' grain trailers, tandem, not dump. Int 4 row corn planter model 400 cyclo, very good reasonable.717-637-2251.

For Sale - MM Corn Sheller. Call 215-932-3130.

SELLING OUT. Baler twine $17.00, alternators 2½-25KW, 16' new silo unloader $2675. Patz new and used barn cleaners low price, Berg extra heavy barn cleaner and chain 10 yr. guaranteed, will fit other cleaners. 5/16" silo unloader cable .30, tires 11L-12.5, Lancaster Co. 215-445-5309.

For Sale - N.H. 1034 Bale Wagon, like new; JD 230 Disk 21' 4"; Oliver 568 Plow 5-18" hyd. reset; Bush Hog chisel plow 22'. Ph. 201-859-5083.

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For Sale - Kelly loader for Farmall tractor, hyd. buckets, 18" plow frame, extension for Int. 710 auto. reset plow, VH 4D Wisc. engine for parts. 717-299-4462.

For Sale - Hesston 600 hydrostatic drive 12 ft. windrower cutting head, needs some repair, Ford motor powered, good condition $2750 or offer, 301-582-1264.

1975 International 2500 Gas, w/Loader and Sims Cab w/heat, 325 Hrs. Excellent condition $11,000. 215-269-1327 evenings.

For Sale - **450 C CRAWLER high lift,** good condition. Call 717-776-7795.

For Sale - 756 diesel 3 pt. hitch, dual PTO & hydraulics, 38" rubber, 80% tread, original paint & very clean. 717-259-9491

For Sale - 12' Long disc, $650. Manure pit pump for 12' pit, $1150, 717-733-4313.

For Sale - JD 3020 gas, good condition, dual remote, $6500. Ford 8N, good condition, $1400. 717-549-5755.

For Sale - 1 Daffin feed grinder mill, PTO very good shape, 717-456-5148.

For Sale - Approx. 300 ft. of Jamesway litter carrier track with 1 two-way switch, 1 tub & 1 hoist. Also two No. 8 Smidley hog feeders and 1 No. 12 Smidley hog feeder. Samuel L. King, R.D. 1, Box 185, Gap, Pa. 17527.

For Sale - Walsh trailer sprayer, 8 to 10 row. 300 gal. tank, flotation wheels, liquid fertilizer attachment. Like new. York Co. PH: 717-229-2352.

For Sale - 1978 John Deere 950 Diesel Tractor with Woods RM-306 6 ft. grass mower. Only 110 hours. $6800. Call 717-992-4614.

For Sale - Allis Chalmers B, electric start, PTO, belt pulley, hydraulic, recent engine work, new paint, new rubber, firm $1,100. Call 717-675-5865.

For Sale - 1972 JD 4020 Diesel, P.S. trans. W.F. dual hyds. weights & all new rubber in good condition, 2800 hours. Price $1000. PH: 717-532-8601.

For Sale - IH round bale transport, new, transports 5 bales. Palco tilt table. JD 115 silage wagon. 717-898-7689.

For Sale - 1970 Ford LN9000 truck tractor, single axle, 238 Detroit, wetline, 1973 Ford WT9000 truck tractor, twin screw, 318 Detroit, wetline. Papec silage wagon on Oliver chassis. MC 600 grain dryer. 1951 Int. farm truck model 160, 12' dump. Ed Vogt & Son, Medford, NJ 609-654-7489 after 5 P.M.

1973 JD 6600 diesel combine with 15' head & floating cutter bar, $18,000. Ph eves. 609-935-7913.

For Sale - JD 4320, excellent condition. 814-793-4293.

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For Sale - (1) 5 bottom Ford molbord plow, $1500. (1) 8' Main frame chisel plow with extensions to 12' with mounted leveler, $1500. (1) 12' Dunham cutharrow, $1500. (1) 1033 (104 bale) stack wagon, $7500. (1) 9 unit (cole) tool bar planter with budge hitch, $4500; without budge hitch, $3500. 609-935-4026.

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For Sale - 1971 JD 3020 WFE, year round cab, 2100 hrs , JD A tractor, 145 4-16 bottom plow, MF 12' disc, Int. 990 9 ft. haybine, JD 494 planter, JD 33 spreader, NH dump wagon, 717-539-8555.

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For Sale - 75-100 watt 12 volt wind generator, dependable, portable, 20-30 yr. life, remote battery charging, electric fencers, cabins, RV's. Order for early spring delivery $259 ppd. 717-677-6721 Vertis M Bream, Rd 1 Box 258E, Aspers, PA 17304.

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For Sale - 4010 JD gas, 215-383-6818.

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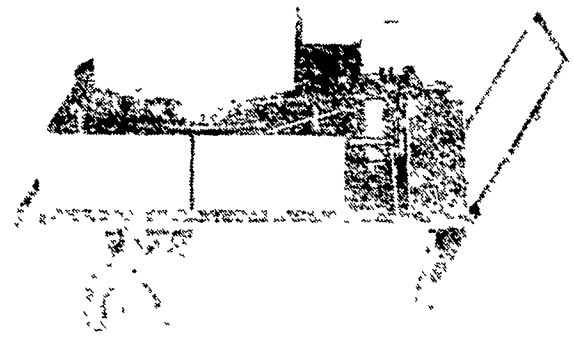

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For Sale - 2 bottom Oliver 12" & 14" radex plow, JD KBA 20 & 24 disc, NH 24 ft. elevator, NH Super 68 baler, good for corn fodder, 1 Brillion 8' packer seeder. 717-687-6553

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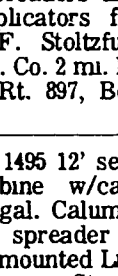
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Montgomeryville, Pa., 18936
Phone 215-699-3533

For Sale - Taylor Way 14' wing fold disc. Also Int tandem axle lime spreader with excellent L-20 New Leader body. Phone Days 717-586-4316 or Eve. 717-586-0226 Lackawanna Co.

For Sale - Prowler - Travel Trailer, 17' awning & extras, good condition, Berks Co. 215-286-5885.

For Sale - 4 bottom Int. rollover plow $1500. HD 5 AC front end loader $3000, 302-378-9164 after 6 p.m.

For Sale - AC 100 series 6-row planter, fold up ends for easy road transport. Dickey John 3S6 montor, ready to plant. 518-537-4563.

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For Sale - Int 544 diesel row crop, WF, excellent condition, 6 bottom 16 or 18" Oliver auto. reset plow, good to excellent, Columbia Co. 717-752-2837

For Sale - 1976 Case DB 1410 diesel, power shift, 400 hrs, like new, Columbia Co 717-356-7376.

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JD 6600 sidehill combine diesel with cab AC heater radio 1250 hrs 15 ft rigid platform hume reel, 4 row wide corn head, $40,000
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5040 AC diesel tractor with loader, 100 hrs, $4900; 273 NH throw baler $4000 like new; 10' chisel plow, Brillion, new $1450; Racine 3 pt. hitch corn sheller new $950; AC notill 30" 4 row corn planter new $3800; JD 18 disc grain drill $2900; new 2 225 bu. gravity wagons, McCurdy new $1900; NI corn picker, new $3200; AC disc, 14 ft. new $2400, much more, big equipment new condition
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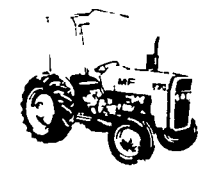
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MF 410 gas combine
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JD 336 Baler
Gehl 72 chopper
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MF 160 spreader
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Ideal round feed baler, $179
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IH model 400 cyclo corn planter, 6-row narrow w/dry fertilizer
IH 510 single disc 18x7 grain drill
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JD 420 Tractor w/Triumph sickle mower
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Ford 4000 Gas w/loader
Farmall A w/mower
Case 870 Tractor
JD 500 B w/front end loader & backhoe
Sauder Snow Plow for Ford Tractor
JD 3800 Chopper
AC 303 Baler
JD 336 Baler w/#30 kicker
Hesston 56 Round Baler
Hesston 10' Mower Conditioner
Hesston 6600 SP Windrower w/12' head.
JD 214, 125 & 115 Chuck Wagons
NI 202 Spreader
JD 54 Spreader
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TILLAGE EQUIPMENT
45 vibra shank cultivator
55 chisel plow
(2) 370 disc harrow
475 disc harrow
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510 4 furrow plow
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HAY EQUIPMENT
35 rake
(2) 435 baler
15 thrower
NEW EQUIPMENT SPECIAL
(2) New IHC Farmall Cub Tractor with 1 pt fast hitch
$4695 Each

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Rd 2,
New Ringgold, PA
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New AC 6 Row Air Planter $6500

USED EQUIPMENT
Hesston PT10 Haybine
Gehl Mower Conditioner
NH 770 Harvester w/2-row head & pickup
NH 717 Harvester w/PU & Corn Head
Hesston 12' Hydro Swing Mower Conditioner
NH 790 Manure Spreader
Gehl Grinder Mixer

USED TRACTORS
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Ford Jubilee
AC XT 190 Series III
Used Lawn & Garden Tractors w/mowers

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AC 2600 16' Disc
Bale King Hay Wagons
NH L-35 Skid Loader
Hub Tool Elevators formerly N.H.
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NEW HOLLAND MANURE SPREADERS

NEW TRACTORS
AC 7045
AC 5050
AC 7020

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SPECIAL PRICES
NH 355 Grinder-Mixer $4900 w/rebate
NH 513 Spreader $2800 w/rebate

USED COMBINES
Oliver 525 w/3 row and 13' grain head
JD 45 w/2R & 11' grain head, (Repo., make offer)

TRACTORS
Oliver 1750, 550G, 77G
Ford 6000 for parts
JD A
Farmall H
IHC 450D

GRINDER-MIXERS
NH 354

SKID STEER LOADERS
Mustang 345, 440
Ford CL-30

(New) New Holland L-325 Skid Steer Loader $6,995. (1 only)

SHEETS BROS.
Massey Ferguson
New Holland, White
1061 Carlisle St.
Hanover, Penna.
717-632-3660

FARM EQUIPMENT

NEW TRACTORS
AC 185
AC 5040
AC 5050
AC 7000
AC 7045
AC 7580 FWD

DEFERRAL OF FINANCE ON NEW & USED TRACTORS TILL 5-1-80

USED TRACTORS
AC D14-sharp
AC 7000-low hrs.
WD 45

USED COMBINES

Deferral of Finance till 5-1-80

AC FKS combine
(2) Gleaner K
MF 300
IH 303
IH 125
IH 91

USED EQUIPMENT
6-row MF planter
Century Sprayer
JD 10' disc harrow
720 NI corn head
AC 238 corn head
LM 438 corn head
726 NI husker
NI 2-row mounted picker sheller
Tank & conventional manure spreaders

ALLIS CHALMERS
MECKLEY'S GARAGE
(717) 758-3915
Herndon, PA

USED EQUIPMENT
NH 24' elevator; NH 68 baler; NH 55 & 56 hay rake; IHC 100 trailer hitch mower; Oliver 12" 2 B pull type plows; Oliver & IHC 2 way plows; Nicholson hay tedder; NI 751 hay crusher; NH 404 hay crusher; Wisconsin engines, 2 cylinder & 4 cylinder w/clutch reduction; AC-B/power units w/clutch reduction.

Thomas J. Wheary & Son
717-687-6553

Ford Tractors Equipment
SPERRY NEW HOLLAND

TRACTORS
John Deere B
IHC 460 Gas
Oliver 770 Gas
Ford 9000
Ford 9N
Ford 8N
Farmall M

EQUIPMENT
Farmec Silage Cart, gas engine
NH 33 Crop Chopper
NH 36 Crop Chopper
NH 328 Spreader w/2 btrs.

CHARLES S. SNYDER INC.
RD 3 Tamaqua, PA 18252
Phone: 717-386-5945

USED EQUIPMENT
IH 706 Gas Tractor w/cab
IH 1066 Tractor w/Cab
IH 175 spreader
123 Cub Cadet
105 Cub Cadet

COPE & WEAVER CO.
New Providence
717-786-7351

NEW EQUIPMENT
WHITE - 2-105 Tractor w/cab
2-155 Tractor w/cab
2-85 Tractor
2-35 Tractor
2-30 Tractor

GEHL-
No. 100 Grinder Mixer
4300 Skid Loader
2600 Skid Loader

NEW IDEA-
279 Cutditioner
299 Mowditioner
323 Corn Picker

KAWANEE-
46 ft. 8" Auger Elevator

USED EQUIPMENT
3 used NI Spreaders
Oliver 565 4-Bot. Cushion Trip
Oliver 88 Tractor w/ mtd. NI #305 picker, w/12 roll husking bed
Oliver 3242 Mtd. 3-Bot. 14" Plow
MF 4-Bot. Plow
Sun Master 5' 3 pt. Hitch Rotary Mower
McCormick 1PR Picker
Farmall 560 Gas Tractor with Belt Pulley and TA

MILLER EQUIPMENT CO.
RD 1 Bechtelsville, PA
215-845-2911

FARM EQUIPMENT

ATTENTION POTATO GROWERS

We are now a McConnell Dealer We can serve your needs for parts on Iron Age, Oliver and McConnell potato planters We also have some parts for Lockwood planters We have Gandy insecticide boxes in stock

WALTEMYER FARM REPAIR SERVICE
RD 3, BOX 46
Red Lion, Pa.
PHONE 244-4168

TRACTORS
Ford 7600, 800 hrs., ropp canopy
Ford 4600 SU 300 hrs.
Ford 2600, 8 speed PS
Ford 9000 w/cab
Ford 8000 w/new tires
Ford 6000 Diesel
Ford 5200 NFE
Ford 3000, Gas 10 speed
Ford 3000 Dsl. w/new Ford 730 Loader
Ford 801, Live PTO
Ford 800 w/hyd. Blade
Ford 601 w/Loader, PS
IH 244 w/Loader & Trencher
IH 424 Dsl., PS, live PTO
Farmall 450 D, PS
Farmall 200
Farmall 230 w/Fast Hitch
Farmall Cub w/mower
Farmall M WFE
Farmall H
MF 2135 w/loader
MF 1085, like new
MF 135 G, PS
MF 35, live PTO
MF 30 w/loader
Case 1816 Uni-Loader
JD 730 D, 3 pt.
JD 50, PS
JD H, handstart
AC 5040 (new)
AC 5040, 400 hrs.
AC D14 w/post hole digger

KELLER'S FARM MACHINERY, INC.
116 Richlandtown Pike
Quakertown, PA 18951
215-536-4046

Ford Tractors Equipment

NEW TRACTORS
Ford 1300 4 wheel drive
Ford 1500 4 wheel drive
Ford 1600 2 & 4 wd
Ford 4100 many extras
Ford 4600 Factory Cab
Ford Demo 6700 Rops

USED TRACTORS
2010 JD
400 Farmall, good tires
C3 Oliver crawler ldr.
9N Ford with Loader
8600 Ford
8000 Ford, new tires
5600 Ford tractor w/cab, air, like new
Kubota 185 D4 wd 75 hrs., like new
Kubota model 175, 2 wd turf tires, w/woods under mounted mower
3 snowmobiles (2 Motoski - 1 Evenrude)

20% discount on all snow-blowers

NEW & USED EQUIPMENT
New Brady Chopper Model 722
New Woods Rotary cutters
New Athens Ford, Ferguson Chisel Plows
New NI manure sp w/ground drive
New Speedy corn crib
Complete line of new & used IH Cub Cadet & Kubota tractors & equipment

STRALEY FARM SUPPLY, INC.
1760 East Canal Rd.
Dover, PA 17315
717-292-2631
717-292-4443

NEW TRACTORS
3588 2 + 2
Farmall 1086 w/20 8-38 tires
Farmall 686 diesel
IH 584 diesel utility w/2250 loader
IH 484 diesel w/2200 loader
IH 384 diesel
2 Farmall Cubs
4 Cub 184 Lowboys

WAIVER OF FINANCE ON NEW TRACTORS

USED TRACTORS
Farmall 544
IH 460
Farmall A w/cultivator

NEW EQUIPMENT
510 plow 5 18"
450 plow, auto 3-16"
420 plows, 2 & 3 bottom - 16"
55 Chisel plow, 3 rk, 7'
350 disc harrow, 11'6"
2 401 spring tooth harrows, 12'
IH 530, 540 & 550 manure spreaders in stock
IH 990 mower conditioner, 9', **SPECIAL PRICE**
IH 435 baler - **SPECIAL PRICE**

USED EQUIPMENT
IH 440 baler
IH 510 plow, 4 16"
Pittsburgh 10'spring tooth harrow

LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

Ford Tractors Equipment
HESSTON CORPORATION
WHITE Farm Equipment
NEW IDEA

USED TRACTORS
Farmall Super C w/cultv
Ford 3000 diesel
Ford 6000 diesel
MF 165 diesel
MF 235 diesel

USED COMBINES
IH 91
AC Gleaner CII, 4 row corn head & 14' grain head
White 8800 diesel hydro, 6 row corn & 15 ft grain, (1977)
White 8700, 437 hrs., 4RN corn head, & 13' grain hd (1979)
White 8600 diesel hydro (300 hrs) (1978)
Oliver 7300 4 row corn, 13 ft grain
MM 5297 4 row corn, 14 ft grain
Ford 642 4 row corn, 13 ft grain
JD 55 3 row corn head
MF 72 12 ft grain, 2 row corn

USED TILLAGE
MF 720 disc harrow 12 ft
Ford 224 disc harrow 10 ft
Oliver 265 disc harrow 11 ft 7 in

USED PLOWS
White 5B 16" Auto Reset

USED HAY TOOLS
Used Hesston PT10 windrower

USED PLANTERS
White 5400 65R No Till
IH 455 4R

USED MISCELLANEOUS
Grove 8x16' Bale Body
Willmar 5 ton Fert Spreader

STANLEY'S FARM SERVICE
RD Box 46
Klingerstown, PA
717-648-2088

NEW EQUIPMENT SPECIALS
IH 1086, old price
IH 770 10' 4" disc, $4900
IH 475 hyd. fold wing disc 17' 4", $6400.
IH 284 tractor $4975
IH 12' 45 vibra shank cultivator, $1,495
2 IH 7' 2 rank chisels, $1,095 ea.
Roof & top beater for 110 forage box
84 series tractors in stock

1 Only IH 1250 grinder mixer $4800 No Trade Ins FOB McAlisterville

USED EQUIPMENT
IH 460 tractor
IH 454 tractor
IH 315 combine
IH 203 combine
JD 45 combine, $900
IH 540 4F 16" plow, $1,295
NI flail chopper, direct throw, $1,595
Starline tank spreader, $750
IH 555 spreader
IH 550 spreader
Bearcat cultimulcher, $1,450
IH 990 mower conditioner, $2,300
JD 45 4F plow $650
IH 234 Corn picker like new condition
IH 8 flail chopper

DOMBACH EQUIPMENT
McAlisterville, Pa.
717-463-2191

JOHN DEERE

(NEW) JD 605 Spin Spreader

JD 4430 w/roll guard
JD 4020, WFE
JD 4020, NFE
JD 4020 P.S., WFE
JD 4010 Tractor
JD 3020 WFE
JD 2510 Tractor
JD 2010 Tractor
JD 2010 w/loader
JD 1020 Tractor
NI Manure Spreader
JD 54 Manure Spreader
JD 950 Roller Harrow
JD 1600 Pull Type Chisel Plow
JD 1630 Disc
JD 237 Corn picker
JD 1240 Corn Planter
JD 1240 Corn Planter
JD 494A Corn planter
JD 3800 Chopper w/2 row corn hd
JD 3800 Chopper w/2 row corn hd
Gleaner C Combine w/13' platform & 4RN Corn Head
JD Platform for 105 Combine
JD 34 Chopper w/corn head
JD 635 Corn Head
JD 336 Baler w/ejector
JD 214 Baler w/thrower
JD 24T Baler w/thrower
JD 227 Corn Picker
Brady Stalk Shredder
Brady 1440 Shredder, like new

ENFIELD EQUIPMENT INC.
Whiteford, MD 21160
Ph: 301-452-5252

USED EQUIPMENT
Farmall Super MTA
Farmall 886
Farmall 806 diesel
Farmall 666 gas
Farmall 656 gas
Farmall 100
Farmall H
240 utility
IH 656 hydro w/cab & heater
JD 420 w/loader

NEW TRACTORS
IH 384 diesel
IH 484 diesel
IH 584 diesel row crop
IH 684 diesel
IH 784 diesel
IH 784 diesel row crop
IH 3588 2+2
Farmall 986
Farmall 1086

USED PLOWS
IH 710, 6 btm. auto. reset, like new

WM. HOBENSACK'S SONS
1060 Greeley Ave.
Ivyland, PA
215-675-1610
215-343-2101

FARM EQUIPMENT

JOHN DEERE

NEW EQUIPMENT

JD 850 & 950 Tractors
JD 210 Disc Harrow
JD 2500 4B Hyd. Plow
JD 2500 5B Spring Plow
JD Chisel Plows
JD 7000 Maxi-Merge planters
JD 75 Loader for 950 Tractor
JD 45 & 78 Rear Blades
JD 1710 Mulch Tiller
Bush Hog 5' to 14' Rotary Cutters
ARPS 30 Loader for 950 Tractor
BH 1123-7 Rear Blade

USED EQUIPMENT

Brillion 112-07 Rotary Cutter
Bush Hog 1209R Rotary Cutter
Imco 6' Rotary Cutter
JD 507 Rotary Cutter
JD 527 Rotary Cutter
JD 727 Rotary Cutter
JD 737 Rotary Cutter
Woods CII4 Rotary Cutter
JD 1020 Tractor
JD 3010 Tractor
JD 4020 Tractor
JD 720 Tractor
JD 730 Tractor
and many more!!!
Waiver of Finance on Tractors, Combines and Seasonal Equipment
Call For Details.

MILLER'S SALES & SERVICE INC.

West Penna. Ave.
on Highway 851
Stewartstown, Pa.
717-993-2470
or 993-2732

JOHN DEERE

USED EQUIPMENT

Fox Custom 90 forage chopper
AC 170 Tractor w/loader
AC D17 Tractor
AC 160 Tractor
IHC MTA Tractor
JD 4010 Tractor
JD 4020 Tractor
IHC 666 tractor
JD 25 Sprayer
JD 494A Planter
JD 694A Planter
JD 290 Planter
JD 3300 combine w/grain & corn head
JD 7700 combine
JD 4400 Combine
MF 300 Combine
JD 105 Combine
JD 343 Cornhead
JD 346 Twine Baler w/ejector
JD 214WS Baler
JD 214T Baler
NH 469 Haybine 9'
JD 7' Crimper
JD FBB Drill
JD FB Drill
JD 8350 - 18x7 Drill
JD 3800 Chopper
JD 100 - 8' Disk
JD 110 Disk 13'
Oliver 5x16 Plow
Case - Field Cultivator
FORD - 230 Disk
IHC 575 Manure Spreader (like new)

SPECIAL PRICES ON NEW EQUIPMENT

JD 7x16 Plow
JD 111 Disk
JD 1630 Plowing Disk

* * * * * *

J.S. COVERT & SONS

Nechanic Station, NJ
201-369-5241
Just 3 miles off Rt. 202
(Between Flemington & Somerville)

NEW IDEA FARM EQUIPMENT

NEW TRACTORS IN STOCK!

AC 5050
AC 185
AC 7010 Power Shift, with Cab
AC 7010, No Cab
AC 7045 Power Shift, with Cab

NEW UNI-EQUIP. IN STOCK!

801 Uni-Tractor
818 Uni-Combine
844 "W" Cornhead
843 "W" Cornhead
774 Cornhead

USED EQUIPMENT:

F Gleaner with 13' Grain Head & 430 Cornhead
MF No 80 Combine w 12' grainhead
710 Uni-Combine with 13' grainhead
729 Uni Sheller
726 Uni Husker
Oliver 5 Bot 16" Hyd Reset Plow
G Gleaner Combine with 13' Grainhead & 440 Cornhead
Gleaner F 330 Cornhead
8632 Gleaner head, like new
214 NI Manure Spreader, with 3 Beaters

SHARTLESVILLE FARM SERVICE

RD1, Hamburg, PA
215-488-1025
H Daniel Wenger, Prop

DEUTZ

DX-160 Deutz Tractor w/cab & air, 145 h.p. Old Price.
DX-90 Deutz Tractor, 84 h.p. Old Price.
D6206 Deutz w/loader.
(1) D13006 Deutz, new 130 HP.
D 7206 Deutz, Used 840 hrs.
Good Cond. $10,300
D8006 Deutz, reconditioned $10,950
6000 Ford $3500
180 Papec B.U. Demo $5000
Fox 1 row custom 90 Electric Sharpener $1850.
New Model Deutz F1L-511, one cylinder. 13 HP @ 2000 RPM. Elec. or Hand Starting.
Custom-built diesel Gen-Sets made to order.
New & Used Deutz diesel engines at special prices. Call for details
1 New Deutz F1L-210 diesels. 1500-3000 RPM, 8-14 h.p. with electric start & fuel tank.
1 New 7.5 KW Deutz diesel powered generator set, on skid base w/fuel tank. Electric start. $2500.00.
New Deutz F2L-912 diesel engines 20-32 H.P. electric start.
Deutz Oil Pan Heaters (Fits Tractors & Engines) $22.75

Stauffer Diesel Inc.

312 W Main St
New Holland, PA
717-354-4181

MF Massey Ferguson

USED EQUIPMENT

Farmall 300 Gas Tractor
Farmall M
MF 65
MF 510 Combine
MF 63 Cornhead
MF 520 Disc
Ford 8N Tractor
MH 26 Combine
IH 205 Combine
Used Manure Spreaders
JD Grain Drill
Ontario Grain Drill

NEW EQUIPMENT

MF 205 Tractor
MF 245 Tractor
MF 265 Tractor
MF 275 Tractor
MF 285 Tractor
MF 2675 Tractor
MF 30B Tractor Loader
MF 550 Combine
MF 33 Grain Drills
NI 177 Elevator
NI 212 Manure Spreader
NI 213 Manure Spreader
NI 636 Wagons

N.H. FLICKER & SONS, INC.

Box 68
Maxatawny, PA 19538
215-683-7252

NEW EQUIPMENT

Ber Vac 8' 3 pt. Snow Blower up to 150-h.p. rating
New Tractor Tire Chains In Stock
Early Order Discount on Palomino Baler Twine

EFFECTIVE NOW
Limited Time Only
$10.00 Rebate on new Fiberdome Calf Hutches

New 12', 13'4", 14' and 15' 4" Brillion Packers in stock
Brillion GLP-64 3 pt. Landscape Seeder
Brillion 3 pt. 4R Spring Tine Cultivator
New Brillion 10' Alfalfa Seeders
New Glenco Soil Finishers
New Arps 7' & 8' 3 pt. Scraper Blades
Woodsman 3 pt. Cord Saw

USED EQUIPMENT

7 tooth Graham Pull Type Chisel Plow
JD 5' Flail Chopper
NI 270 7' Cut/ditioner
NI Spreaders, repaired ready to go, new side chains, new paint, excellent condition, 214 - 3 btr. 206 bu.; 214 - sgl. btr. 206 bu.
NI Model 224 10 ton spreader w/hyd. end gate & Gratz web
Hawk Bilt 178 Tank Spreader
JD #46 Manure Loader
3 pt. hook-up 6' Scraper Blade
JD #237 2R Mtd. Corn Picker
Ford 3 pt. Hay Rake
NH 469 Windrower
JD 480 Windrower
Mohawk 3 bar 3 pt. 9 tooth Chisel Plow
JD 4 section Rotary Hoe
(2) JD KBA 32 Blade Transport Disc
JD Heavy Duty 14' Transport Disc
Athens #84 Folding Wing Disc
NI 10' Fertilizer Spreader

UMBERGER'S MILL

New Idea, Gehl, Hesston & Brillion Dealers.
RD4, Lebanon (Fontana)
Phone 717-867-5161
or 717-867-2613

FARM EQUIPMENT

SPECIAL OF THE MONTH
NEW 4586 INT
4 WH DRIVE
24 5x32 Duals,
Old Price

Available At Last Year's Price
IH 1086 RED POWER
w/24 5 x 32 tires
IH 3588 with
18 5 x 38 Radials

USED EQUIPMENT

TRACTORS:
AC 7060, Loaded - 350 Hours, $25,000
JD Cyclo A Tractor
Int. 86 Hydro-Demo
IH 686 - Demo.
IH 826 Hydro, Diesel
IH 1066 with Cab
IH 230
IH 350 D, $1,000
IH 400 Gas
IH 504 Gas, Fast Hitch
IH 544 Hydro, Gas
IH 560 Gas
IH 560 Gas Standard
Oliver 60
Oliver 66
Oliver 70
Farmall A, B, C Cultivators & Equipment SOLD
Farmall Cub with Belly Mower
Farmall M
VAC Case w/Blade $900

TILLAGE EQUIPMENT
IH 475 17'5" Hyd Folding, 7½" Spacing Disc Harrow
IH 475 20'6" Manual Folding Disc Harrow
IH 475 11'6 Disc Harrow, Like New
IH 48 13'5" Disc Harrow
IH 35 11'6 Disc Harrow
Bush Hog 18' Folding Disc Harrow
Pittsburg 12' Disc Harrow
IH 55 13' Trailing Chisel Plow
IH 55 11' 2 Rank Chisel Plow
IH 350 Vibra tine Harrow
IH 3 Bot Fast Hitch Plow
(2) Brillion 15' Single Roll Packer
(2) 6' Wing Section Single Disc Harrow

MISCELLANEOUS
NH 33A Flail Chopper
IH 540 Spreader with Hydraulic End Gate - Real Nice!
NH 510 Spreader
NH 512 Spreader, Real Nice
NH No. 346 Tank Spreader, Left Hand
IH 175 and, 155 Spreaders
IH 570 Spreader - Rebuilt And Real Nice!
IH MF 15x7 Grain Drills, SD, Combination
JD 15x7 Grain Drill, DD, Combination
(2)JD 15x7 Grain Drills, SD, Combination
NI 12' Lime Spreader
JD C380 Fertilizer Spreader, 3 pt.
Herd 3 pt. Fertilizer Spreader
2001 Loader for IH 424

USED COMBINES

- IH 403 with 4 row wide corn head & 13 platform
- (2) IH 315 with cornhead & grain platform
- (2) Int 205 with 2 Row Head & Platform
- MH 510 Diesel with 4 Row Head & 12 Platform

ERB & HENRY EQUIP., INC.

New Berlinville, PA 19545
Ph: (215) 367-2169
Daily 7 to 5:30,
Fri. till 9
Sat. till 4

FARM EQUIPMENT

Badger | JOHN DEERE | HESSTON FARM EQUIPMENT

USED EQUIPMENT

TRACTORS

JD 1520 w/loader
IH 140 w/mower
IH 404 w/cultivator
IH 706
420 crawler loader (As is)

HAY & FORAGE HARVESTERS

JD 24-T baler w/thrower
JD #38 mower
JD 3 pt #9 mower
NH trail mower
JD 307 rotary mower
IH 46 baler w/thrower
IH 55T baler
IH 650 harvester w/2 heads
NH 880 w/pickup
JD #12 harvester w/2 heads

NEW EQUIPMENT

Haban corn shellers
McCurdy grain boxes

MISCELLANEOUS EQUIPMENT

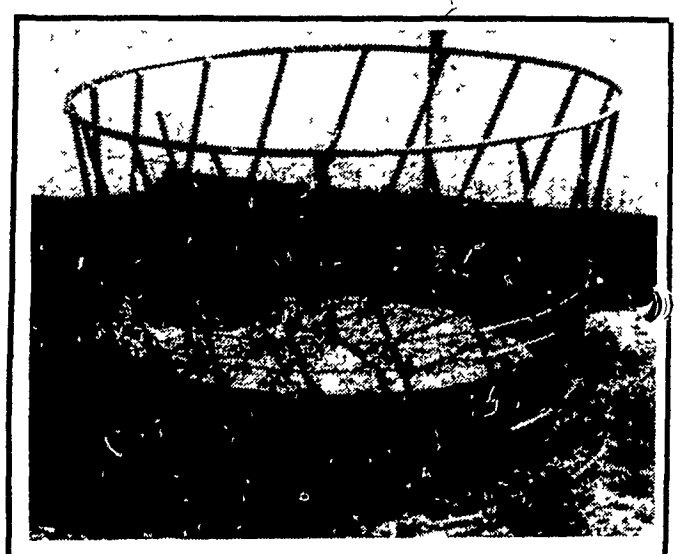
3 pt. JD ditcher
Freeman loader to fit Ford
Wetmore grinder blower (like new)
Farmhand loader
JD 4B corn sheller

DISKS & PLOWS

JD BWF 12' disc
JD KBA 10' disc
JD AW disc
Oliver 3 btm. 3 pt plow
Imco 6' 3 pt disc

PIKEVILLE EQUIPMENT, INC.

R.D. 2, Oley, PA
Phone: 215-987-6277
Serving the Oley Valley Since 1936



ROUND STEEL HAY RACKS
(for 18 Head)
Get yours now while they are in stock and before the spring rush.

ELAM S. ZOOK

RD #3, BOX 378, RTE. 896,
QUARRYVILLE, PA. 17566
½ Mile North of Nine Points.

A-1 USED EQUIPMENT

1978 IH 574 dsl. tractor
1971 IH 826 dsl. tractor
1967 IH 504 gas tractor
1978 MF 265 dsl. tractor
1965 Oliver 1640-4wd. tractor
1968 Chisolm Ryder harvester
1978 Ford LT100/42" mower
Case 800 gas tractor
IH 370 12'8" disc harrow
2 Ford 4B-16" 2W plow
3 John Deere Pulverizer
IH #10-8' grain drill
IH 510 24x6 grain drill
Oliver 76 18x7 grain drill
John Bean 1010 DD sprayer
John Bean MF 125 sprayer
NH 9 ft. mower conditioner

COMBINE SPECIALS

1976 NH 1400 combine
1974 IH 715 combine

FARM-RITE, INC.

Shiloh-Cohansey Rd.
Shiloh, NJ 08353
609-451-1368

FARM EQUIPMENT

Multi Hoe wheel loade. backhoe, $4500.
DENNIS M. MILLER EQUIPMENT
Rt. 22 Grantville, PA
717-838-1888 anytime
717-469-0937 daily

For Sale - Dynahoe backhoe, diesel engine, $5000. JD 440 loader, $3300. 717-944-9029, Russ Berg.

FARM EQUIPMENT

Wanted - Frick thresher in very good condition, state size, price and location, Jeff Hostetler, Rd 1 Box 201, Milroy, PA 17063.

For Sale - 1978 NH 1012 Stack wagon, excellent condition, ready to go in field, Bradford Co. 717-364-5405.

FARM EQUIPMENT

For Sale - JD 350 crawler loader, good condition. 717-626-4669.

For Sale - Wisconsin VF4 25 hp. engines with clutch reduction, reconditioned $650. Fisher Engine Service, 3141 Old Phila. Pike, Bird-in-Hand, PA 17505.

FARM EQUIPMENT

Attention Feeder Cattle Operators: For Sale - Schwartz 850 mixer feeder with scales, field ready condition, Call Ed Price, Vernon E. Stup Co., Frederick, MD 301-663-3185, 301-898-7247 after 7 p.m.

For Sale - JD 1010 crawler dozer, good condition $3800, 717-766-2954, 766-9812.

FARM EQUIPMENT

For Sale - Ford 400 Diesel, Select-O-Speed, wide front, 3 point hitch, excellent condition, $4,000 215-493-3040.

Harvestore platform scales complete with floor & sides, capacity up to 40,000 lbs., $1200. Dotterer Farms, Mill Hall, Pa. 717-726-3659.

FARM EQUIPMENT

USED TRACTORS
CASE 1210 4 wheel drive Diesel
JOHN DEERE 4020 Diesel
MASSEY FERGUSON - 1085 w/cab
ALLIS CHALMERS 180 Diesel coming in soon (sharp!)

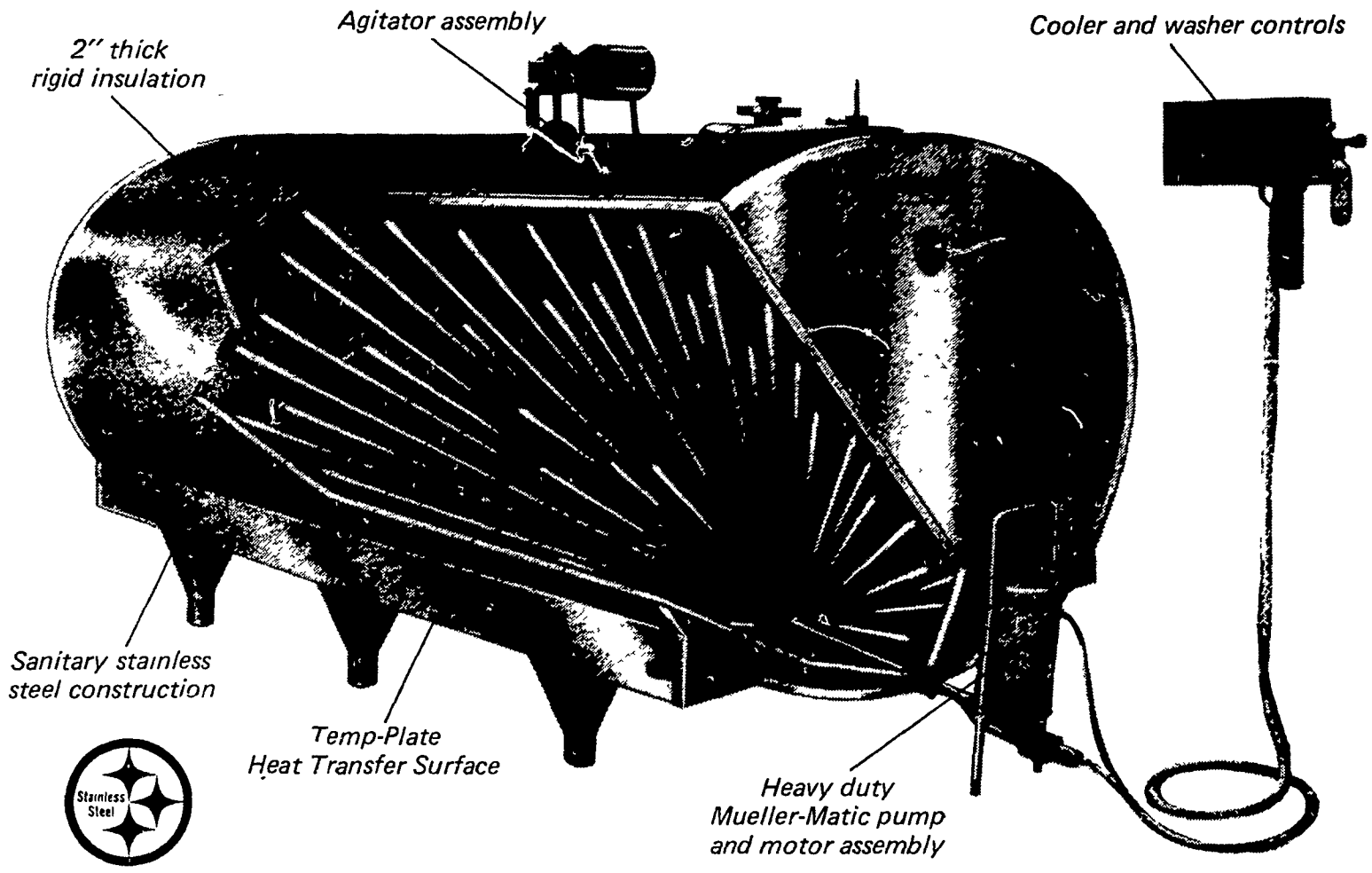
EQUIPMENT
New GEHL 95 Feed Grinder at a SPECIAL PRICE
NEW IDEA flail spreader

CLOSED SUNDAYS
NORMAN R. SHORES & SON
R.D. 5, Towanda, PA
717-265-9014

WE ARE PROUD TO ANNOUNCE

WE ARE AN AUTHORIZED MUELLER DEALER

MUELLER Milk Coolers®

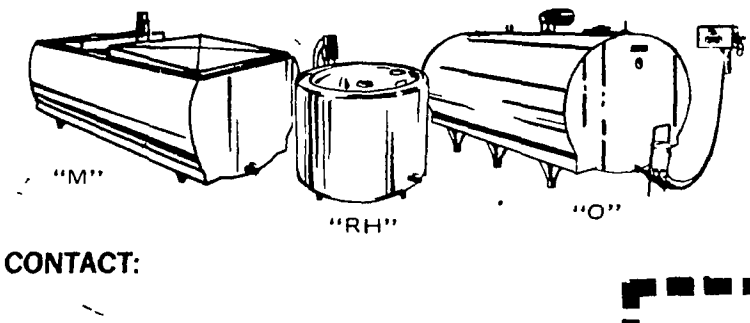

2" thick rigid insulation
Agitator assembly
Cooler and washer controls
Sanitary stainless steel construction
Temp-Plate Heat Transfer Surface
Heavy duty Mueller-Matic pump and motor assembly

Stainless Steel

MUELLER... THE COOL SOLUTION TO MILK STORAGE PROBLEMS

Protect your daily milk production with a Mueller Milk Cooler. From 100 to 6000 gallon capacities, each Mueller cooler gives you unsurpassed performance with quality-crafted features like Temp-Plate® Heat Transfer Surface for efficient cooling, plus large-radius corners and smooth welds for easy cleaning.

See us today for the full story on Mueller milk coolers. We are ready to give you expert sales and service assistance.



Depend on MUELLER.

FOR MORE INFORMATION, CONTACT:

Sult's Refrigeration Service

RD 1 GORDONVILLE, PA 17529
Off Rt. 340, 1 Mile East of Intercourse on Hatville Rd.
★ 24 HOUR SERVICE ★
717-768-8555

CLIP THIS COUPON & MAIL TO:
SULT'S REFRIGERATION SERVICE
RD 1, Gordonville, PA 17529
☐ Send More Information ☐ Have Representative Call

NAME _____
ADDRESS _____
CITY _____
STATE _____ ZIP _____
PHONE _____

USED EQUIPMENT

TRACTORS
- Int 1456 4-Wh Drive
- Case 930 Tractor "CK"
- 830 Case
- Case 430
- JD 420 with Cultivator
- White 2-135 Tractor, 150 Hours
- Leyland 154 with Loader, 800 hours

LOADERS
- Case 1537 Skid Loader
- Case 1740 UniLoader
- Case 1816 Uni-Loader

TILLAGE
- Case Disc Harrow
- JD Disc Harrow
- JD 4 Bot Plow
- Case 2 Bot Plow
- MF 5-Bot Plow, Semi
- Oliver 2 Bot Trailer Plows
- Used Cultipacker

HARVESTING EQUIPMENT
- Gehl 1200 Harvester with 2 Row Cornhead & Pickup, Like New!
- Fox 2-Row Harvester
- NI Unisystem - 702 Tractor, 710 Combine & 760 Harvester
- NI 767 Uni-Super Chopper
- Oliver 430 Combine
- MF No 61 1-Row Picker
- JD No 25 Harvester
- Case 300 Harvester
- Case V-12 Shredder
- Hesston 2000-100 Harvester
- NI Forage Blower
- MF Chopper
- MC Chopper

HAY EQUIPMENT
- Case 650 Self Propelled Windrower
- Hesston PT 10
- New Idea Trailer Mower

MISCELLANEOUS
- Ford 4-Row Corn Planter
- JD 2-Row Planter
- JD 494 Corn Planter 4-row
- 10 Used Spreaders
- 300 Gal Husky Tank Spreader
- NI 224 10-ton Spreader

NEW IDEA

SPECIAL BULK ANTI-FREEZE $3.85 Gal

Kasten Self Unloading Wagon...New...Special!

case

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Bethel, PA
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FARM TRACTORS - BUY MORE HORSEPOWER CHEAPER THAN YOU THINK

(ALL DIESEL & WIDEFRONT UNLESS SPECIFIED OTHERWISE)

*HP	Make & Model	Comments	Price
220	Case 2670-4WD-Cab-3 pt-	1975-2300 Hours	$18,500
195	MF 1805-4WD-Cab-3 pt. PTO-	1700 Hours Duals	$19,500
150	Int 4166-4WD-Cab-3 pt-PTO		$18,500
150	White 4-150,-3 pt-PTO-Cab		$18,500
150	White 2-150-Cab-Duals		$17,500
145	JD 7020-Cab-4WD-3 pt.-PTO		$19,500
145	Case 1470-4WD-Cab-3 pt.-	2500 Hours	$16,500
145	Oliver 2255-Cab-	1800 Hours-Triple Remotes	$14,750
145	Oliver 2255 w/Duals		$12,500
140	MF 1155-New Tires		$10,750
140	JD 5020		$9500
135	MF 1150-Multipower		$8250
135	MF 1150-Cab-Multipower		$7750
135	Ford 9600-1974-New Paint-New Tires		$11,500
135	Ford 9000-New Paint-New Tires		$9500
135	MF 1150-Multipower		$8750
130	AC D21		$8500
130	Oliver 2150 w/Duals		$8750
125	JD 4430-4 Post-Quad-New Paint & Tires		$15,500
125	JD 4430-Cab-Air-Quadrange		$18,500
120	JD 4320-Cab-New Tires		$12,500
120	MF 1130-Multipower		$7500
115	Farmall 1256-Cab-Air		$9750
115	Farmall 1206-Cab		$8950
115	Farmall 1206-Cab		$8750
115	International 1256 Standard		$3950
105	Oliver 1950 GM-New Paint		$7500
105	Oliver 1950 GM-Fender-Tank-Big Tires		$6750
100	Case 1030 Cab-1968		$7400
100	Case 1070-Cab-Powershift-	2000 Hours	$10,750
100	Case 1030-Cab-1969		$7500
100	Case 1030		$6500
100	Case 1030		$6250
100	Case 1030		$5900
100	Case 1030		$5700
100	Farmall 966-Cab-Air		$11,500
100	JD 4230-Powershift-New Paint & Tires		$14,500
95	JD 4020-4WD-Side Console-Powershift New Tires		$13,950
95	AC 190XT Series 3-Weights-3 pt-1970		$7800
95	AC 190XT		$5950
95	Farmall 806 Gas-Try		$3000
95	JD 4020-Syncrorange		$7000
95	Farmall 806-Cab-Radial Tires		$6800
85	Case 930CK-1968-3 pt.		$6500
85	Case 930 CK Standard-Cab		$4800
85	Case 930 CK Standard-Cab		$4700
85	Case 930 CK Standard-Cab		$4600
85	Case 930 CK Standard		$4400
85	Case 930 CK Standard		$4300
85	Case 930 CK Standard		$4500
85	Case 930 CK Standard		$4200
85	Case 930 CK Standard		$4100
85	Case 930 CK Standard		$4000
85	Case 930 CK Standard		$3500
85	Case 930 CK Standard		$3000
85	Case 930 CK Standard w/Cab		$4900
85	AC 190 High Clear LP		$3950
80	MF 1080-Cab-Multipower		$7500
80	MF 1085		$9500
80	JD 830-2 Cyl.-Cab- P.T.O.- New Paint		$4500
75	AC 185-1974-1700 Hours-Wts		$9500
75	JD 820 Cyl-P.T.O.-New Paint		$4500
75	JD 820-2 Cyl-PTO		$3850
75	JD 820-2 cyl-PTO		$3750
75	MM Super 670 Gas-2000 Hours		$4350
70	JD 3020-Side Console-Power Shift		$8750
70	JD 3020-Side Console-Straight Shift		$8650
70	Ford 5100		$7950
70	JD 3020-Powershift		$7250
70	Ford 5000-New Paint		$6750
65	MF 180		$5750
65	Case 830-3 pt.		$3950
60	JD 730-DE		$4250
60	JD 730-DE		$3850
55	Long 560-4WD-New $10,500		$8950
55	JD 3010-Gas-Try		$2750
55	Long 560-4 WD-All Tires Same Size		$7950
55	Long 560-4WD-All Tires Same Size		$7850
55	Long 560-w/New Industrial Rotary Mower		$7500
55	Long 560-4WD-Low Hours		$6750
55	Long 560-Low Hours		$5950
55	JD 2020-PS-Utility & Pinion Axles-Gas		$6950
55	Oliver 1550		$3950
50	Long 510-4WD-New List $11,500		$9950
50	MF 65-PS-Multipower-Gas		$3000
50	Farmall-460-FH-Gas		$2500
50	Farmall Super M-Gas-Trycycle		$1375
50	JD 70-DE-3 pt-Trycycle		$2450
45	Farmall M wNI 12 Roll MTD Picker-Gas		$3500
45	M.H. 333-3 pt-Gas-Try		$1075
40	JD 1020 Gas		$4500
40	Long 460-4WD-w/Loader-Low Hours		$8500
40	Long 460-New-Rollbar List $8800		$6750
35	Long 360-New-WTS List $7800		$6250
35	Long 360-New List $7500		$6000
20	Farmall A w/Cultivator-New Paint-Gas		$1375
15	Farmall Cub Gas		$2950
15	Farmall 154 Cub Lowboy w/Rotary Mower Gas		$3000
15	Farmall Cub-Gas		$2850
15	AC G w/Plow & Planter		$1850

* Horsepower according to NFPEDA Guide Book and rounded to closest 5 horsepower.

★ Color Photos Available at $1.00 Per Each

TRUCKS - EXCELLENT SELECTION

ROLLBACKS

1979 Int 2500-Tandem-290 Cummings-1110 Trans-Double P S.-New Jerr Dan 26' Rollback-Built Super Heavy $55,000
1979 Int S2500 - New 26' Jerr-Dan Rollback w/winch 238 Detroit - New Condition - Built By Us $34,500
1975 Int 2050-Tandem-Cat 225 Diesel 10 speed R R -New 26' Jerr-Dan Rollback Heavy Duty $28,500
1974 Ford Louisville 8000 - New 24' Jerr-Dan Rollback w/winch - 225 Cat Diesel $22,500
1980 Chevy C30-454 New 17' Aluminum Rollback Lots of Options-Silverado $16,750

OTHER TRUCKS

1965 Int w/Diesel Feed Mill Unit $4000

TANDEM TRACTORS

1970 Diamond Reo - 55,000 Rears, 318 Detroit, 13 speed w/low Cog for Off Road, 30,000 Miles on Engine, Excellent LowBoy Tractor $15,000
1969 Diamond Reo - Sleeper - 318 Detroit $4800
1968 Mack F Model - Sleeper - All Mack Components $3800
B61 Mack-Complete Or For Parts $2500

TRAILERS

1969 Great Dane 35 Ton Detachable $13,750
1977 Delta 44' Drop Deck w/Beaver Tail $10,750
[2] 8 Ton Lowboy w/Beaver Tail each $2950
[40] New Hudson Tag-A-Longs on Stock Up to 18 Ton

DUMPS - FARM

1974 Ford Louisville - Single Axle - New 18' Omaha Dump-w/Cattle Racks-225 Cat Diesel-Tarp $17,750
1962 Ford Cabover - 16' Flat Dump - w/Grain Sides $3,850

SINGLE AXLE TRACTORS

1976 Ford Louisville 7000 - 175 Cat $12,500
[2] 1974 Ford Louisville 8000 - 225 Cat $11,500
1965 Int Emoryville - Sleeper - Cummings $2500

PICKUPS

(2) 1980 Chevy Diesel - All Options-Silverado $11,500
1980 Chevy 4WD LUV-All Options Made $8500
1979 Chevy - ¾ Ton - 4WD - All options 15,000 miles $8500
1978 Chevy - ½ Ton - 4WD - 15,000 Miles $6500
1978 Chevy ½ Ton - PS - PB - Auto $4850

DUMPS - CONSTRUCTION

[17] New Mack-20-25-35-Ton Off Road Dumps Call For Specs
1974 Ford Louisville - Single Axle - New 9' Dump Body 225 Cat Diesel-Very Nice $15,750
1974 Int 2050 - Single Axle - New 9' Dump Body 225 Cat Diesel- Very Nice $15,750

MISC. CONSTRUCTION

Terex 72-41 Rubber Tired loader-cab-articulating - $25,000
Davis - DH5 trencher - new $13,500
Galion 503 Grader w/Cab $7850
Case 1740 Diesel - Skid Steer $6800
Michigan 55 - 4WD - Loader $5500
Michigan 125 Diesel 4 WD Loader $4750
[2] Wood Chippers $4000 each
Scoopmobile 4WD Diesel Loader $3750
5 HP Single Phase Air Compressor, like new $1750
[150] Backhoe & Loader Buckets
Forklift Forks

NEW 3 pt. BLADES
7' - $245 6' - $195
6 or More $195 6 or More $165

FORKLIFTS

Ford 6000 lb Diesel-30 lift-excellent $16,500
York - Baker - 7000 lb $11,500
JD 2010 -side shift $6750
INT 340 $5750
Yale 3000 lb -air tires $5450
White 3000 lb $4500

PLOWS

IH 4x semi reset
(3) IH 5x semi reset
(5) IH 6x semi reset
White 6x18 semi reset
JD 6x16" semi
JD 5x16" semi
JD 5x18 semi
JD 3x16 pull
Oliver 5 or 6x18" semi
Oliver 5x16" semi
IH 710 5x16 semi
IH 5x16 semi

NEW & USED CABS

[2] New ROPS Cab for MF 1085-1105-1135-1155 $2450
New Case 930-1030 Cab $1950
New JD Cab for 2840 JD $1950
New Cab for MF 1150 Tractor $1950
New Oliver Cab (1550 thru 1655) $1750
IH 1256 Cab w/Air $1500 & Fenders
[3] Case 930 Cab $750 & $1200
New Combine Cab w/Defroster for IH 101-303-403-503 Combine $1200
INT 806 Cab $1250
[2] JD 830 or 820 Cab $650 & $1000
NI Uni Tractor Cab $1000
INT 205 Combine Cab $1000
INT 203 Combine Cab $1000
JD 45 Combine Cab $1000
[2] IH 1206 Cabs $1000 & Fenders
Used Cab for 1150 MF $500
JD 4020 Rollbar w/Roof $450
[3] IH 574-674 Rollbars-New $400
Long Rollbar (New) $375

CRAWLER DOZERS

JD 450 - 1970 - New Bottom - 6 Way $11,250
[2] Michigan 180-GM V6 Diesels - Rubber Tired $9500 each

COMBINES - MAKE US AN OFFER

JD 4400-Cab
NH 995 w/6x30 Cornhead
Int 715-Hydrostatic-Cab
Gleaner K-Cab
Gleaner EIII-Cab
[2] Gleaner CII-Cab & 4x40 Corn
JD 45-Square Back-Cab
JD 45-Cab
Int 205-Cab
JD 40
[3] Int 203-with & without Cabs

LOG SKIDDERS

Franklin 133B Pack-N Back $13,500
JD 440A-Powershift-1969 $10,975
JD 540 - Powershift $10,800
Franklin 170 XL - Powershift $10,550
Franklin - New Tires - 160B $10,000
[2] Ford Log Hogs $4550 &$5050

125 CORNHEADS IN STOCK ALSO AVAILABLE FOR RENT

CRAWLER LOADERS

Cat 955K - Cab - in shop now $25000
Cat 941 - 1969-Powershift Pedal Steer-Cab-New Bottom $24,500
Cat 931 - 1974-ROPS-Powershift-Pedal Steer $17,500
Int 125 - ROPS - Ripper 4 in-1 bucket - 1973 $13,500
Int 125C - ROPS - Powershift 1971 $10,750
Cat 933's $8750-$9750
Cat 933 - wide pad-wide bucket-42A series - swamp machine $9500

NEW 3 PT. PTO DRIVE WOODSAWS $875
USED SAWS FROM $95.00

BACKHOES

Long 5-in-1 Diesel - 4400 Crane-cab-300 Hours $24,000
[2] JD 310 - Diesel - ROPS - 1973 choice $13,500
Int 3616 - 1969 - Diesel - Hydrostatic $5250
Long 1199B - 3 pt-New-with pump $4500
Ford 800 $3950

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JD 950
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JD 4040 w/QR & RG
JD 4240 w/QR & SG

TILLAGE EQUIPMENT
JD 2600 5 & 6B Plows
JD 210 11' 5" Disc
JD 950 12' & 15' Harrows
JD 415 Rotary Hoe
JD RMT cultivator
Long 953 6' 6" Disc
Long 958 9' 2" Disc

HAY TOOLS
JD 336T, 346W Balers
JD 1209 Mower Cond.
JD 660, 670 Rakes
NH 310, 315 Balers
NH 488, 489 Haybines
NH 256, 258 Rakes
NH 80 Bale Mover
NH 58 Thrower for 320
Matthews 9E Rotary Scythe
Fahr 16' Tedder
H & H 21' Bale Body

COMBINES & HEADS
JD 643, 444 Heads

FORAGE EQUIPMENT
NH 782 w/822 Head
NH 38 Crop Chopper
NH 8 Forage Box
NH 25, 28 Blowers

OTHER EQUIPMENT
JD 143, 145, 146, 158 Loaders
JD 506, 606, 1408 Mowers
JD 680 Manure Spreader
JD 965, 1065 Wagons
JD 78, 88 Blades
JD 381, 392 Spreaders
NH 230, 234 Wagons
Long 1199B Backhoe
Woods 6' PT Mower
Woods 6' Mtd. Mower
Century 200 gal. Sprayer
Chromally 3200 gal. super tanker

COMING SOON
JD 2040 4WD Tractor
JD 2240 4WD Tractor
JD 4420 Combine

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JD 6600 Side Hill Combines
JD 4020 Tractor, power shift w/turbo and year-round cab

NH TR 70 Combine w/Cat Dsl., Corn and Grain Platform $32,500.
JD 220 18 ft Fold-up Disc, like new $5000
New Idea 324 pull picker w/super sheller, like new, (sells for ½ of list price)
JD 4620 w/cab & duals, excellent
IH 424 Utility w/2000 loader
IH Row Crop 574 Diesel w/85 hours
1466 Farmall w/cab
JD 3020 Diesel, side console
Farmall 706 Diesel
Farmall Super M
Farmall 230 w/fast hitch
Case 930 Comfort King, Standard Tread
NI 7 ft cutditioner, good
Lots of Front and Rear IH Weights

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JD 730 diesel tractor, 3 pt., PS, good condition
Farmall M tractor, fair condition
JD 346 baler with ejector
JD F-125 4 bottom plow
JD 355-H 5 btm. on land plow, hyd reset
John Blue 300 gal. sprayer
JD 1260 6 row no-till planter with monitor and insecticide boxes
Lilliston 5 ft. trail type rotary mower
Int. 456 corn planter with dry fertilizer attach. & insecticide boxes
2 new wagon bodies with high sides
JD 1600 chisel plow, 5 ft.
JD FBB grain drill
JD 12 ft. lever harrow
1970 White 9000 tandem tractor, 250 Cummins diesel, 10 speed
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JD 32 Blade Wheel Disc w/Wings-Like New	$4500
JD w/Wings-40 Center Blades-60 w/Wings-Like New	$4500
White 40 Blade Wheel Disc w/Wings-Like New	$4500
[2] White 36 Blade Wheel Disc w/Wings-Like New	$4500
[3] Long Offset on Wheels-26 Blades-Notched-Heavy Like New	$4250
JD w/Wings-32 Center Blade-48 w/Wings Scrapers Good Condition	$1950
[2] White 44 Blade Wheel Disc-Like New	$1950
White 40 Blade Wheel Disc-Like New	$1950
[2] JD on Wheels-40 Blades w/scrapers-Good Condition	$1500-1750
[4] White 36 Blade Wheel Discs-Like New	$1750
JD 44 Blade Wheel Disc-Like New	$1750
JD 40 Blade Wheel Disc-Like New	$1750
[3] JD 36 Blade Wheel Disc-Like New	$1750
[2] JD 32 Blade Wheel Disc-Like New	$1750
[2] JD 28 Blade Wheel Disc-Like New	$1750
[3] Int 44 Blade Wheel Disc-Like New	$1750
[5] Int 40 Blade Wheel Disc-Like New	$1750
[2] Int 36 Blade Wheel Disc-Like New	$1750
Int 32 Blade Wheel Disc-Like New	$1600
Oliver 32 Blade Wheel Disc-Like New	$1600
JD 24 Blade Wheel Disc-Like New	$1575
Int 36 Blade-Drag Type-Like New	$575
Int 16 Blade Cub Disc-Like New	$575
JD KBA 28-Drag-Like New	$575
[7] INT 16 Blade Cub Disc	From $295

MANY MORE ON STOCK

SUPER "SPECIAL"

- Late NI 702 Uni w/cab
- 710 Combine (Choice of 2)
- 711 Grain Head
- 729A Sheller (Choice of 2)
- 2x40 Stripper Head
- 760 Chopper
- 2x40 Chopper Head
- Pickup Head (Choice of 2)

All For **$9850**

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702 Tractor w/Cab-late Model-clean
701 Tractor w/Cab
[3] NI 4x30 Stripper Head-728 & 738
[2] 729A Shellers
[3] NI 3x40 Stripper Head
[2] NI 3x30 Chopper Head
729 Sheller
NI 3x30 Stripper Head
[2] NI 710 Combines
NI Grain Head
Cab For Uni Tractor
NI 2x40 Stripper Head
[2] NI Pickup Head
760 Harvester
[3] NI 2x40 Cornhead
NI 2x40 Chopper Head

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USED TRACTOR PARTS

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Hesston 10 Stacker
Hesston 30 Stacker
[3] Hesston 10W Movers
NH 276 Baler
NH 258 Rake
NI Wheel Rake
[4] NH 54A PTO Throwers
[2] Stalk Choppers For Balers
NH 479 Haybine
Hesston 5400 Round Baler
JD 336 Baler

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- NI 701 Uni w/cab (Chevy Engine)
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Ford 7600 w/cab, sharp
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IHC 650 w/4 heads, real bargain
IHC Harvester 350 w/2 hds.

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(1) 6R 400 IH, Ex. Cond.
(2) 4R 400 IH

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JD 145 5-16 Plow
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JD 214 Chuck Wagon

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6600 JD Diesels With 213 Tables & 443 Corn-heads

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White 568 6-Bot 14 16 Spring Trip

SPREADER
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SPRAYER
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White 4-Row, 30" Liquid
JD 494 4 Row, 38" Dry
JD 1280 8 Row, 30" Liquid, Finger Pickup
JD 1280 8-Row, 30" Dry, Finger Pickup

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NH 845 Round Baler Baled 500 Bales
NH 270
JD 24T with Thrower
MF No 10

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Int 990
NH 469
NH 479

USED TRACTORS
JD 2020 Utility, Gas
JD 4010 D, 70-80 HP
JD 4020 D, 80 90 HP
Oliver 1955 D, 92-108 HP
Oliver 1755 D, 74-86 HP
MF 1100 D, 85 93 HP
Deutz D13006, 126 HP
JD 6030 Turbo Duals, Cab Air, 155 175 HP

NEW TRACTORS
JD 4040, 90 HP, List $22 000
JD 4240 Cab Air Quad Cyls 110 HP List $29 735

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2-105
2-85
2-50

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$4800
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$7000

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USED TRACTORS
Oliver 1850
Cub Low-Boy 154

USED PLANTERS
White 5400 6R
White 543 4R
AC 4R No-Til

USED EQUIPMENT
Fox SPF Gas
Fox 2000
14' Brady Shredder-Windrower
8"55' Auger
NH 1469 SP Windrower
NI 323 picker
NI 325 2R Picker
NI 10 corn picker
NI 710 Combine
NI 711 Head
NI 713 Head
Glencoe SS9 Soil Saver
NI 729 Sheller
NI 730 4-Row Head
Lely V8 Double Wheel Rake
Hesston 4500 Baler
Hesston PT7 Haybine
Hesston PT10 Haybine
IH 12' Vibra Shank
Hillsboro 30' Gooseneck Trailer
JD 54 Spreader
Short Block GM 478 for 705 Uni

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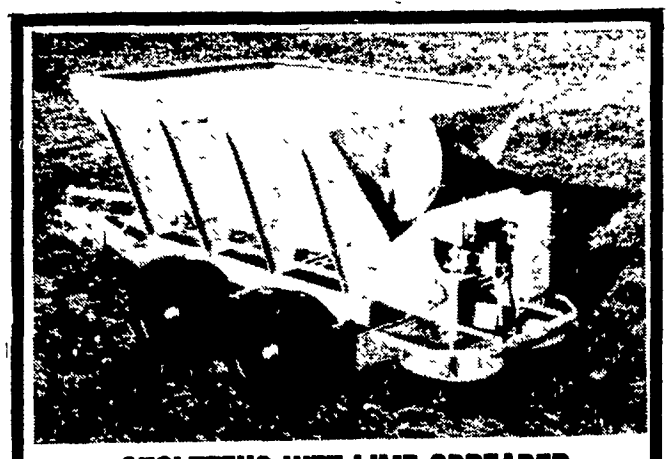

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USED EQUIPMENT

(2) NH 273 balers, super sweep & thrower $3200
NH 269 baler $1800
NH 269 baler w/thrower $2400
IH grain drill, excellent $850
MC rotary scythe, good $1550
MC chopper $550
NH 54A bale thrower $350
IH 460 tractor $1950
D-17 w/wide front, series IV $3600
NH 56 rake $900
NH 456 grass mower $1050
AC manure spreader, excellent $700
Case C.K. 930 gas, 3 pt., PS $3800
AC D17 ..... $2100
IH 560 ..... $2400
66 NH baler w/motor (nice) $550
Oliver 2 btm. trailer plow
NI 752 hay cond.

NEW EQUIPMENT

Hesston Windrowers
MC rotary scythe & choppers
Pittsburg spring harrows
Farm Bilt wagons 6, 8 & 10 ton
Wisconsin engines from 6 to 65 h.p.
VM diesel engines from 14 to 150 h.p.

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See us your Sperry New Holland Dealer for complete details

WAIVER OF FINANCE
★ New & Used Tractors til May 1, 1980
★ All New & Used Forage Equipment
★ Harvesters - with Hay Head til May 1, 1980
-with Row Crop Head till August 1, 1980
★ Hay Tools till May 1, 1980

WINTER SERVICE SPECIAL

FREE TRUCKING! ON ALL EQUIPMENT BOOKED THRU FEBRUARY 15

NOW IS THE PERFECT TIME TO GET YOUR TRACTORS & EQUIPMENT IN SHAPE FOR NEXT SEASON! ALSO APPLIES TO LAWN & GARDEN TRACTORS!

★ CALL DICK BONHOLTZER TODAY AT 717-397-5179 ★

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Gleaner E Combine w/3 Row 30" Corn Head & Grain Head
McConnell Forage Wagon, 3 Beater, w/Roof
J.D 38 Harvester w/Corn Head & Pickup Head
Case 955 S P. Windrower w/10 Ft. Head
2 N H 470 Haybines
N H 328 Spreader w/ Hydraulic Endgate (Like new)
N H 346 Tank Spreader (Ex Cond)
N H 365 Tank Spreader (Ex -Cond)
Several other good used spreaders
(2) N.H. 273 Balers w/ Engines
N H. 269 Baler w/54A Thrower (Ex. Cond.)
Ford 532 Baler w/Engine
Several other New Holland Balers
Hesston PT-10 Mower Conditioner
Farm Hand Wheel Rake, 5 wheel
JD Model 25A, 3 pt Sprayer
D15 Tractor
NH 26 Blower

AUTHORIZED SPERRY NEW HOLLAND PARTS and SERVICE

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New Vermeer Balers
Rakes — Bale Unrollers

MARTIN MANUFACTURING COMPANY

New Martin Spreaders
Gates and Pumps

USED EQUIPMENT

1 - New Holland 850 Baler
1 - DewEze 265-S Bale Pickup
1 - Vermeer High Lift Carrier
1 - Martin V-2400 Spreader
2 - Scranton Bale Feeders

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FOR SALE

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Oliver 88 Gas
AC D17 Gas

DUFFY FORD TRACTOR
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FARM EQUIPMENT

FOR SALE

Steiger Bearcat I, 210 h.p., dual 20.8x34 tires, 3 pt. hitch, air cond., ex. cond., asking $21,500.

13 shank No. 55 Int. chisel plow, $1400.

4 row AC no-till corn planter, dry fertilizer, $1850.

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or 717-837-3214

Int 574 diesel
Int 544 Diesel
David Brown 1200
JD 420
JD 620
NH 467 & 477 haybine
McD 82 Combine
Farmall A w/cultivator
Farmall MTA
JD 1240 plateless planter w/insect. double disc. minimum fill coulters
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Ford 4000
MF 82 Combine

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Come see the year's most exciting farm film program. Learn about 33 to 80 hp John Deere Tractors, new disks, new plows, new field cultivators and more.

Watch an animated film on combine safety. See Furrow-On-Film subjects selected especially for this area. Be sure to come to our 1980 Farming Frontiers Event.

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CHICKEN POT PIE DINNER SERVED AT 12:00 NOON.

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ON THE DISK BLADES THAT ARE RIGHT FOR YOU!

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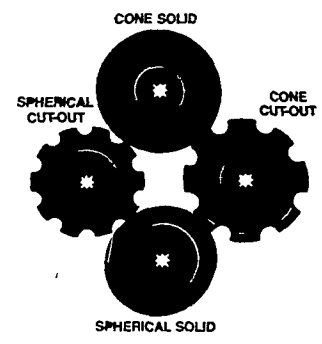

MID WINTER CLEARANCE SALE on USED EQUIPMENT

JAN. 26 THRU FEB. 29

TRACTORS

John Deere 2630D, 2400 hrs. $9850
Massey Ferguson 230D w/remote cyl. outlets, 115 hrs. $7850
Ford 801 Gas, new tires $2850
Satoh Bison gas w/Woods mower, 286 hrs. $4250
JD 2020 gas w/Dunham Loader $5800
JD 2020 gas $4850

HAY TOOLS

New Holland 1495 Haybine w/Ford engine, partial cab $12,500
New Holland 495 Haybine $4150
New Holland 479 Haybine $2850
New Holland 477 Haybine $2350
John Deere 896 Rake $575
New Holland 845 Round Baler $4000
New Holland 55 Rake $525
John Deere 24T Baler w/thrower $1100
New Holland 850 Round Baler $3800
New Holland 461 Haybine $1350

COMBINES

New Holland Tr70D hydrostatic w/4RN cornhead, 13' grain platform w/ header height control, 1050 hrs . . $36,500
NH 985 gas Combine, 13' grain, 4-row wide cornhead $5500

HARVESTERS

Fox Max II self propelled 4-wheel drive w/3-row narrow cornhead, 12' pickup (This machine is like new) $28,500
NH 770 Harvester w/2 R-head $3400
John Deere heads for 34 & 38 Harvester
Fox Harvester Model 162 w/pickup & Row Crop, 2RN
NH 1 & 2 R heads for 717 & 770 Harvester
NH 33 Flail Chopper $1850

FORAGE EQUIPMENT

NH 27 Blower $875
EZ 16' Forage Box, 2 beater, new $1925

TILLAGE TOOLS

JD 9' spring tooth Harrow $200
JD 10' spring tooth Harrow w/transport . . $950
Mohawk 9' Chisel Plow w/transport wheels $1400
JD AW Disk
IH 530 3 B. Plow

MATERIAL HANDLING

JD 700 Grinder Mixer w/scales (like new) $5000
NH 790 Spreader, new web, w/endgate $4125
NH 790 Spreader, endgate & pan $3500
New Idea 212 Spreader $875
New Holland 516 Spreader, 3 beater $975
Dunham Loader (like new) $1450

DRILL & PLANTERS

JD FBB 24x7 Grain Drill w/grass seed & fertilizer att $1250
Allis Chalmers 4-row Planter, no till $895
White 6 row Planter, no-till (new) $6000

WAIVER OF FINANCE
SPERRY NEW HOLLAND
NEW AND USED HARVESTER TOOLS
TILL AUGUST 1, 1980
COMBINES TILL MARCH 1, 1980
HAY TOOLS TILL MAY 1, 1980

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JOHN DEERE HAY TOOLS
TILL MAY 1, 1980

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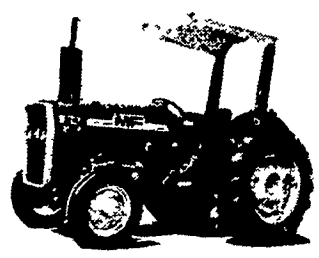

NEW EQUIPMENT IN STOCK

- MF 245 diesel tractor
- MF 275 diesel tractor, 8 sp.
- MF 205-4 tractor
- MF 760 diesel combine hydro, 540V8
- MF 550 diesel combine
- MF 468 planter
- MF 33 grain drill
- Balers
- Chisel plows
- Rakes
- Drag Harrows
- Transport harrows
- Grinder mixer
- M&W grain dryer
- Snow blower

USED EQUIPMENT

- MF 245 gas tractor w/235 loader
- Oliver 550 gas tractor
- Ferguson TO 30 tractor
- MF 285 tractor w/loader, 1 yr. old
- 2 MF 135 Gas tractor
- 2 MH 44 tractors
- MF 85 tractor
- MF 510 gas combine w/-quick attach.
- 1977 MF 300 combine
- MH 80 combine, 2 row head, 12 ft. grain table
- MF 410 diesel combine w/quick attach.
- MF 760 combine w/63 corn head 15 ft. table, used 1 season.
- NI 702 Uni System w/710 combine w/corn head & table
- 5 NH crop choppers
- 10 NH haybines
- 5 Balers
- 3 Disc harrows
- 4 Plows
- 3 Forage harvesters
- NH 1010 bale wagon

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- Loading Chutes (Slop Stops)
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Ford 4600	JD 3130 SOLD
Ford 5 BTM 101 plow	8 JD 2120
3 Ford 4000, 1 w/loader	3 JD 1120
Ford 4000 SU	6 JD 2020
2 Ford 3000	MF 1130, cab
Ford 800	MF 1085
Roadless 95 4WD	MF 1080
Int 1066, cab SOLD	Ferguson 30

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FIELD QUEEN FORAGE HARVESTERS · WOODS Division of Hesston Corporation · HESSTON FARM EQUIPMENT

Field Queen Side Dump
Now Standard Equip.
257 H.P Detroit
7650, 257 H.P. Detroit
& 7600, 210 H.P. Cat Engine
Both above units available w/4-wheel drive & 4 row corn head
FINANCE WAIVER TIL SEPT 1, 1980

- 6610 SP w/Perkins Diesel Power
- 4500 Baler
- 2000-150 PT Forage Harvester
- 1010 Hydro-Swing PT Windrow
- 1090 PT Mower-Conditioner

Interest Waiver til May 1980

FORAGE EQUIPMENT

- NI 705 Uni Dsl. w/new 3R W/N Head, 767 Super Chopper.
- NI 710 Sehller
- NI 760 Husking bed, 2 row corn head 10' Combine head.
- Fox Max II, w/3 row corn head
- 1975 Field Queen Side Dump
- 1975 Field Queen Standard
- 1976 Field Queen Standard
- (2) Side Dump Wagons
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110 SP windrower, exceptional cond., must see

HESSTON
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HESSTON
Hesston 2000 Pull Type hay Fg. Harv. w/2 Heads.

- 1972 Fox 425 w/2 heads
- Hesston Stak-Hand 30A
- Hesston Staker 10 w/mover
- NH 460 Haybine
- 2-JD 3800's w/heads
- 2-JD 38's w/heads
- 2-Badger Dual Wheel Wagons
- 320 NH Baler

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	LIST	SELLING PRICE
MF 60 Diesel Backhoe/Loader w/Ext. Dipper Stick	$38,538	$31,800
MF 30B Diesel Loader Tractor	16,911	14,200
MF 265 Diesel - 8 speed	14,207	12,200
MF 245 Diesel - 8 speed	11,049	9,200
MF 230 Gas - 6 speed	8,545	7,500
Gehl CB700 Harvester w/1 Row Corn Head	7,550	6,500
Hawkbilt 157 Spreader	3,035	2,725
Caldwell 5 Ft. Rotary Cutter	828	615
Caldwell 7 Ft. Scraper Blade	284	250
Caldwell 8 Ft. Scraper Blade	310	265

MF Massey Ferguson

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NEW AND USED BOBCAT SKID LOADERS
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530, 632, NEW, 632 DEMO

USED FARM EQUIPMENT

- JD 4020
- JD 3020
- JD 530
- Farmall M
- NH 770 Fg. Harvester w/3 hds. Inc. 1R Snapper head.
- JD 16A Flail Chopper
- JD 24T Baler
- JD 24T Baler w/30 ejector
- JD 336 Baler
- Hesston 500 SP Mower Conditioner
- Hesston PT10 Mower Conditioner
- Hesston 30 Stack Wagon
- Bale Wagon Box
- 16' Lever Harrow
- IH 12' Disc
- JD KBA 8' Disc
- 15 HP 3 phase elec. Motor
- JD FB drill
- JD 246 Corn Planter
- JD 1440 Corn Planter
- (2) JD 494A Corn Planters
- Bobcat 520, & 722 Skid Steer Loaders
- Martin Manure Spreader
- JD 340 Snowmobile

FREE FINANCE on JD Tractors, Hay and Forage Equipment, also NH Hay and Forage Equipment.

NEW FARM EQUIPMENT

- JD 4440 w/QR, SG
- JD 2940 Tractor
- JD 2440 Tractor
- JD 2040 Tractor
- JD 1050 Tractor
- JD 950 Tractor
- JD 850 Tractor
- JD 1209 Mower Conditioner
- NH 38 Flail Chopper
- JD 1600 Chisel Plow
- NH 707, & 718 Fg. Harvs.
- NH 892 Fg. Harvester w/Metal Detector
- JD 3940 Fg. Harvester
- NH 1-R Snapper Head
- JD 336 & 346 Balers
- NH 310, 315 & 320 Balers
- NH 478, 488 & 489, Haybines
- JD Rotary Hoe
- JD 210 & 215 Disc Harrows
- Bobcat Skid Steer Loaders 530, 632, & 722
- NH L-425 & 445D Skid Loaders
- JD 125 Diesel Skid Loader
- JD Manure Spreaders 40, & 680
- NH 355 & 358 Grinder-Mixers
- JD 700 Grinder-Mixer
- Glencoe Soil Savers
- EZ Trail Wagons
- EZ Flow Forage Boxes
- Martin Manure Spreader
- Martin Equalizer Loader
- JD 550 Sprayer

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NEW AND USED TRACTORS AND EQUIPMENT SPECIALS

New Poplarville 4 ft wing Packers, weight each 626 lbs **Only $391 00**
New Pittsburg 3 pt Disk Harrow, 5'9" Cut **1 Only $185.00**
New IMCO 3 pt hitch Potato Plow, can also be used as row maker **$97.50**
New Demo heavy Landoll wing folding Soilmaster w/cutter blades on front, cutting width 18'9", 15 shanks, spaced every 15" **1 Only at Old Price $10,800.00**
New Demo 5 shank Soilmaster, 6'3" cutting width, pull type **Old Price, 1 Only at $2950 00**
New Landoll Reg type Chisel Plow, 7 ft , 3 bar, high clearance, w/gauge wheels, heavy duty **$1289 00**
New Landoll Chisel Plow, 7 ft , 2 bar, high clearance, no gauge wheels **$885.00**
Teben Subsoiler type Chisel, 3 pt , spring trip for rock, 12'6" cutting width, demo unit **1 Only at $2989.00**
New Dayton Electric Motors in size variation, in stock **Call for Price**
New Brinly CC 600 Garden Cultivator, sleeve hitch type **$79.00**
18x24 Lawn Roller, hand pull **$48.00**
New Jackson Dump Cart Model 100, for garden tractor **$125 00**
New General Eager Beaver Tag-A-Long Trailer, 9 ton, 3 axle w/Budd wheels **$4581.00**
New General Eager Beaver Tag-A-Long Trailer, 6 Ton, 2 axle, Budd Wheels **$3941.00**
New Bush Hog Model 206R 3 pt Rotary Cutter, 6' cut **$945.00**
New Bush Hog 5' cut, 3 pt Rebel Rotary Cutter **$538.00**
Speed King - same as New Idea, heavy duty, 36' bale and corn transport elevator w/#62 chain & fold drag attachment installed **$1585.00**
One 31 ft. less drag, weathered, at **$980.00**
New Amco 19½ ft cut Transport double offset tandem Rock Flex C clamp spring bearing hangers Disk Harrow w/22"x¼" th[SOLD]ades with cylinders & hoses to tractor, we[SOLD] 7600 lbs 1 Only Cash, no Trade Sale Price FOB Our Lot at Only **$6900.00**
New Gehl Model 350 Manure Spreader w/upper beater, tandem axle, 12 5Lx15 Flotation tires, double web, Gratz chain, endgate w/hydraulics and hoses to tractor, sides have copper to resist rusting **One Only at $5485.00**
New Knight 350 Manure Spreader w/upper beater, lower spinner, hydraulic endgate, Gratz chain double web, copper bearing sides to resist rust **$5962.00**
New Glenco Field Cultivators, pull type, less cylinder & hoses w/spring type for rocks, w/adjustable angle
10½ ft .$1527 19 Shanks
11½ ft. $1610 21 shanks
12½ ft $1722 23 shanks, spring tine harrows available
13½ ft. .$1806 . 25 shanks
18½ ft w/3 bar spring harrow, Midwest, installed, wing type w/cylinders for wing, but not transport **$3300.00**
New Athens 131 Series 8 ft cutting width, plus cover disk, weight 3272 lbs , no hydraulics, heavy duty, 24"x¼" thick blades, Serial #079043 **1 Only $3935.00**
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New Athens Model 131, 12'6" cutting width, dual wheels, cover disk furrow fillers, weight 4640 lbs , Serial #179199, w/24"x¼" blades, w/hoses, set up **$4815.22**
Hydraulic Kit extra at $160 00
Baler Twine, limited supply, 9,000 feet, Penn Dutch **Per Bale $22.50**
Plastic Twine for Round Balers, 10,000 ft per bale **$12.30**

New Bervac single auger Snow Blowers, require less power to do same job as double auger blowers, 3 pt hitch In stock
S60 60" cut **$980.00**
S85 - 85" cut **$1232.00**
S655 - 65" Cut **$1364.00**
S766 - 76" cut **$1456.00**
S876 - 87" Cut **$2566.00**
. . . . . **Less 10% for Cash. No Trade Sale**
Case 7 ft 2 bar high clearance Chisel Plow, 3 pt set up **$885.00**
Athens 7 ft 3 bar Chi[SOLD]low, high clearance, w/gauge wheels **$1100.00**
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Used 970 Case Diesel Tractor w/18 4x34 tires, 8 speed standard shift, yellow **$7856.00**
New McCurdy 12 ft hydraulic folding Truck Auger to mount on your truck tailgate, complete w/winch, downspout tube and hydraulic hoses less ends to plug in your cornplanter tractor when filling your hoppers **$568.00**
McMcCurdy 12' hydraulic auger with brackets to mount on Gravity Bin
New McCurdy 8 ft Corn Drag **$558.00**
Ladder extension for McCurdy Gravity Bins **$27.00**
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190-230 Bin **$129.00**
275 Bin **$165.00**
New Case heavy duty Model D15 double offset tandem Disk Harrow, 9'3" cut, 22" blades, set up, w/new tires, no hydraulics, w/cover disks **$3800.00**
New Case heavy duty Model D15 double offset tandem Disk Harrow, 12 ft cut, 22" blades, w/cover disks **$4500.00**
New Amco Model F17 double offset tandem, 10'6" cut, 22" blades, set up **$4200**
New Amco Model F17 double offset tandem 10'6" with 24" blades, set up from Penna Farm Show, 4114 lbs **$4300.00**
New Behlen 1685 bu wire #4 gauge Corn Crib, w/roof ladder **$865.00**
New Behlen 1205 bu wire co[SOLD], #4 gauge, only (2) left **$760.00**
New Gehl 1500 lb Bale Carriers in stock, heavy duty **$375.00**
New 9 ft Gehl Model 1090 Haybine, less lift, cylinder & hoses, set up **$4300.00**
New Gehl Model 100 Grinde[SOLD]xer Mill, hydraulic . **$4700.00**
New 2-row Snapper Head for any model Gehl Harvester for Hi-Moisture corn **1 Only $3380.00**
New Case 9 tooth 2 bar high clearance spring shank Chisel Plow **$1090.00**
New Athens 10 tooth high clearance Chisel Plow, no gauge wheels, set up **$1386.00**
New swinging hydraulic Auger Feeder to convert your Gehl Harvester to Grinder Blower **$980.00**
Oliver 1755 Diesel Tractor, new motor, cab, excellent condition **$9200.00**
New 11 ft Poplarville heavy duty Cultipacker, weight 2002 lbs **$1079.00**
New Pittsburg 1-row 3 pt Cultivator **$65.00**
(1) Only new leftover Donahue 7'x28' Implement Carrier **$1785**
New 3 pt hitch Model 106 E Z Flow Fertilizer-Seeder combination w/agitator **$588.00**
Used IH Model 856 Diesel Tractor, wide front, 2 pt hitch, 3500 hrs , excellent **$9800.00**
Used 12 ft Cultipack **SOLD** **$585.00**
Used Case 1845 Diesel Uniloader w/12 00x16 flotation lug tires, 73" wide bucket, 1978 model, nice condition, reconditioned and service **$10,800.00**

Used Case 1830 Uniloader, 30 HP, water cooled gas engine w/10 00x16 tires, lug type, 60" wide bucket **$8300.00**
Used Case 480B Diesel Extendahoe Loader Backhoe Tractor, 1972 model, canopy **$10,860.00**
Hudson 6 ton Tag-A-Long Trailer, tandem axle **$1700.00**
Used Offset Disk, approx 9' wide, green **$500.00**
Used Offset Disk, 10' wide, orange **$300.00**
Used Gehl 87 Hi Throw Blower **$585.00**
New Flat Bed, oak floor, w/bale racks on new McCurdy short turn radius wagon w/11Lx15 tires w/extendable hitch, complete unit **$985.00**
Used Allis Chalmers Loader, trip dump **$300.00**
New Gehl Model 1500 Round Baler **1 Only $5985.00**
New electric wheel Wagon, reg hitch, 4 ton, not set up **$385.00**
New Kools Model KB57 Blower for the tall silos **$1889.00**
New Landoll 9 shank Soilmaster, cut 11 25 feet, knocked down, no tires or hoses, FOB Our Lot **1 Only at $5100.00**
New Westgo 4-row 3 pt Danish tine cultivator, Farm Show Special, set up **$1285.00**
New Moridge 275 Dryer w/accessories **$6450.00**
New heavy duty M & W Model 1815 Rotary Hoe, gangs can be raised for row crop skip, 3 pt , must see to appreciate, set up **$1992.80**
New Landoll 5 shank 6'3" cut Soilmaster w/Midwest Buster Bar spike tooth harrow leveler installed w/new tires, less hoses to tractor **$3776.00**
New Swartz 1800 Quick Attach Loader w/72" material bucket . **$1832.00**
Mounting Bracket Extra
New Century Model CPH100ES Heater **$279.00**
New Century Power Washer HPW-3HD **$796.80**
New Little Giant 26 ft Bale & Corn Elevator w/ swivel head spout assembly, set up . **1 Only $1389.26**
Case 530 gas wide front axle with Draft O Matic 3 pt hitch **$3,900.00**
Cobey wagon with McCurdy Gravity Bin Green . **$625.00**
Case 2 bottom spring trip plow excellent . **$485.00**
Oliver 1550 gas tricyle w/2 speed shift **$3,900.00**
Case 580 CK Diesel Backhoe & Loader Tractor **$7,800.00**
Red Used tag a long trailer haul about 3½ tons . . **$885.00**
Case 530 gas tractor tricycle type with Draft o Matic . . **$3,485.00**
Mohawk 7 tooth chisel plow 3 bar with gauge wheels less tires . . **$785.00**
Athens 7 tooth chisel 3 bar nice . **$980.00**
Case David Brown 990 Diesel tractor with loader **$6,500.00**
Oliver 2 Bottom Plow spring return when lifted **$465.00**
Brillion Sprocket packer around 10 foot wide **$375.00**
New Idea Model 219 Manure Spreader with Slop pan excellent condition **$2,585.00**
Case 580C Canopy Diesel Backhoe and loader tractor low hrs. Power shuttle **$23,800.00**
Electric Wheel Wagon with McCurdy Model 190 Gravity bin . **Like new $735.00**
IH Model 1586 Diesel Tractor with Cab Air Heater with 20 8x38 axle duals like new less than 600 hrs . . **$29,800.00**
IH 4 row cultivator 2 years old . . **$985.00**
IH TD9 crawler loader tractor nice . . **$7600.00**
New Tri Star Round Bale Feeders . **$127.00**
John Deere 5020 Diesel Tra[SOLD]or with 903 Cumins V8 Diesel e[SOLD] about 2 years old, with Rebuilt rear in tractor **$12,800.00**
New Bervac Snow Blowers in Stock

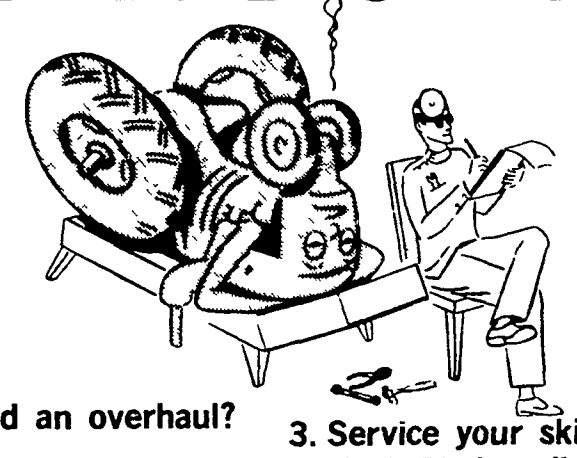
OLD PRICE FORAGE LEADER SPECIALS

GET THEM WHILE THEY LAST

New Gehl Model 920 Forage Box 6x16' long, pintle chain, 3 beaters mounted on electric 10 ton gear w/12 5Lx15 8 ply tires, box, Serial #22889 **$3978**
New 920 Gehl Forage Box[SOLD] Serial #22370, 4x14' long **$2696**
New 920 Gehl Forge Box only [SOLD]#22627, 4 14' long **$2696**
New 640 Gehl Forage Box, 4x14' long, 2 beater mounted electric wheel 10 ton wagon w/extendable hitch, 12 5Lx15 8 ply tires **$2953**
New Gehl 940 6'x16' long pintle chain, 3 beaters & roof mounted on Gehl G1056 wagon tandem axle, 12 ton, Serial #24893 **1 Only $4900**
New Gehl 940 6'x16' long 3 beater w/roof, pintle chain, Serial #24866, mounted on electric 10 ton wagon w/extendable hitch 12 5Lx15 8 ply tires **$4500**

CERTIFIED SERVICE

SERVICE SPECIALIST



CALL 626-4705

1. Does your tractor need an overhaul? Tune-up? Filter change?
2. Do you have oil leaks on your equipment? Where oil leaks out dirt & water can come in.
3. Service your skid-loader or front end loader! Chain adjusted? Filter change? Tune-up?
4. Bring your loader buckets in, we have heavy duty cutting edges to put on.

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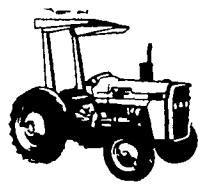
FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT



MF Massey Ferguson

TRACTORS & EQUIPMENT

JD B Tractor
IH CB 275 Tractor
MF 1085D Tractor w/cab
Ford 3400 Tractor w/loader
NH 479 Haybine
NH 270 Baler w/thrower
NH 269 Baler w/thrower
MF 124 Baler
Brillion LGS 144 Pulverizer
Brillion 12' field cultivator
NH 38 crop chopper
NH 679 Manure Spreader
NI 213 Manure Spreader
NH 510 Manure Spreader

NEW M.F. EQUIPMENT

MF 275 Tractor
MF 265 Tractor
MF 220 Tractor
MF 50C Tractor w/loader
MF 40B Tractor w/loader & cab w/Instant Reverse Transmission
MF 20C Tractor w/Cab & Loader
MF 205 Tractor
MF 30B Tractor w/Loader
MF 110 Spreader
MF 160 Spreader
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 530 Blade
MF 33 17 Run Drill

S.G. LEWIS & SON, INC.
R.D. 2 Box 66 West Grove, PA
215-869-2214

NEW & USED EQUIPMENT & TRACTORS

Tractors
AC 7000 with Cab, 5050, (3) 5040's, 220, (5) 200's, XT 190 Series III with Cab, (5) 185's, (3) 180's, (5) 175's, 160, (4) D 19 Gas & Diesel's, (5) D 17's, D15 gas & diesel, (3) D 12's, (2) D 10's, WD 45, G
Ford 9000 with Cab, 7600, 5600, (4) 5000's, 4000, 3000, 801, (3) 8N's
MF 1085, 180, 175, (3) 165's, 35
JD 4520, 4020, 4010, 3020, 1020, 730, 60, 50
Farmall 1066 with Cab, (2) 856's, 826, 756, (2) 656's 674, (2) 574's, (2) 560's, (2) 544's, 504, (3) 460's, (3) 400's, (2) 340's, Super MTA, (2) Super M's, (3) M's, (5) Cub's
Case 870
Oliver 2150 4 wheel drive, 1855

Corn Planters
JD 494A, 1240 - 4 & 6 row
IHC 56
2 AC 4 row No Till
AC - JD & Ford 2 row 3 pt

Industrial Equipment
MF 2500 diesel Fork Lift
Used Tractors w/front end loaders, 3 pt. hitch, & Power Take Off
AC D17, 160, 185
Ford 801, 3500, 4000
MF 202, 204, 40
IHC 2400A
JD 300

Crawler Dozers
AC H3, 653
JD 1010 w/winch, 450, 450C
Cat D4D
IHC TD 8 Series E

Crawler Loaders
AC H3, HD3
IHC TD9 Direct Start 4 in 1 Bucket
3 JD 440 B Skidders
JD 555 crawler loader w/9300 backhoe

Skidsteer Loaders
JD 1700
Case 1537

Mower Conditioners
Hesston PT 10
NH 460, 461, 467, 469, 477
IHC 990 7 ft.
Gehl 880
NI Cutditioners 6, 270, 272, 279
(2) NH 352 Mixer *grinder mills*
Automatic Reset Plows
IHC & JD 3 bottom, Ford & JD 4 bottom, 3 pt. hitch mounted
IHC 5 & 6 bottom Semi Mount
IHC 4 bottom Trailer

Manure Spreaders
NI 213 Tandem
NH Barrel Spreader 345 Right hand
Badger 160
JD 40
AC 140
Large Selection New New Idea & Starline Manure Spreaders on Hand for Immediate Delivery
Electric Feed Cart
New and Used 3 pt. Hitch Snow Blowers
New and Used 3 pt. hitch Log Splitters & Wood Saws
Large Inventory new Car, Truck, Tractor Tire Chains
25 Used Snow Plows - Various Sizes and Mountings - Call for Information
10 Used transport disc harrows
JD 16' & 2 IHC 10' tandem plowing disc's
Used 14' Brillion transport Spring tooth harrow
New Brillion Culti-Packers Seeders
Check our Prices on New Full Vision Cabs to fit JD 3010 thru 4620, 4030, 4230, 4430; Ford 8000, 8600, 9000, 9600

Sales & Service - Allis Chalmers, New Idea, & Hesston
Watch for our Inventory Reduction Sale Apr. 5, 1980

MARSHALL MACHINERY, INC.
RD #4
Honesdale, Pa. 18431
Ph: 717-729-7117

USED EQUIPMENT

4000 SU Tractor
8N Tractor
NAA Tractor
600 Tractor
800 Tractor & Loader
3 bottom Auto Plow
3 bottom Spring Plow
3 Point Disc
88" Flail Mower
CL40 Skid Loader
NH Hayliner w/ Thrower

Ford Tractors Equipment

LANCASTER FORD TRACTOR
1655 Rohrerstown Rd, Lancaster, PA
Flory Mill Exit off 283
Phone: 717-569-7063

TRACTORS

Ford Jubilee w/plow
Farmall H, nice condition $775
Framall H $750
2 Farmall M, 1 w/live hyd
Farmall 230 w/fast hitch
V A C Case w/cult & plow
AC WC
AC C

MISCELLANEOUS

2 JD 45 loaders
IH loader to fit C & Super C
Sauder Loader fits Ford & Masseys
Wagner loader w/hyd bucket & live pump, fits Ford & most WF tractors
8' chisel plow
2 JD 12' stalk cutters, $600 & $975
IH 550 harvester w/2 row & pickup heads, $875

MISC. Cont'd

No. 36 NH 6' flail chopper, $650
2 No 5 IH flail choppers, direct throw, $425 & $625
JD flail choppers, choice $425
IH fast hitch stalk cutter
Woods 3 pt stalk cutter, $485
Tank spreader from $150 to $500
Spreader from $350 to $650
Tires & wheels most sizes
IH 1050 grinder mixer $1075
IH 430 snow plow, fits IH & most tricycle tractors up to 100 hp $375
8 ft snow plow WFE for Farmall H Fast Hitch attach for 856
Brillion 18 ft transport harrow
NH PTO bale thrower $285

DISMANTLING TRACTORS FOR PARTS

IH F14, A, B, C, H, M, 300, 350, Supers C, H, & M. JD A, B, 50 & 60. AC WD & D17. Oliver 70 & 77. Ford 8N & 860 Case SC & V.A.C.

COMBINES FOR PARTS

IH 303, 203, 91, 151, 101, 125, 127, 64 & 76. JD 55 *square back,* 55, *45 round back,* 95. *Gleaner* CII & A's Massey 82, 92, 80, 90, 26, 27, 35 & clipper. Case, Ford, Oliver, Woods & AC Clazy

KEITER'S FARM MACHINERY
R.D #1 Halifax, PA 17032 Rt. 225 20 mi. from Hbg.
Phone: 717-362-9574 or 362-9096

CFH

Brillion | John Deere | Gandy | Yan-Mar | Lawn Boy | Stihl | Woods

SPRING SPECIALS ON NEW BRILLION EQUIPMENT

	List	SPECIAL
CHISEL PLOWS		
5' 3 pt Rigid	$ 642	$ 499
5' 3 pt Spring Shank	876	679
7' 3 pt Rigid Shank	766	579
10' 3 pt Spring Shank SOLD	2306	1875
11' 3 pt Spring Shank	2596	2150
13' 3 pt Spring Shank	2917	2475
FIELD CULTIVATORS		
20'6" Pull Type	3292	2795
PACKERS		
14' w/wo Transport	1490	1295
(2) 16' End Transport	2377	1979
(2) 18' End Transport	2534	2200
20' End Transport	2680	2300
21' Folding	4875	4495
23' Folding	5029	4650
25' Folding	5185	4795
SUB SOILERS		
11 Shank	3311	2495
ROW CROP CULTIVATORS		
(3) 4R S Tine	—	1400
(2) 6R S Tine	—	1800

CFH, INC.
East Main Street
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(301) 275-2195
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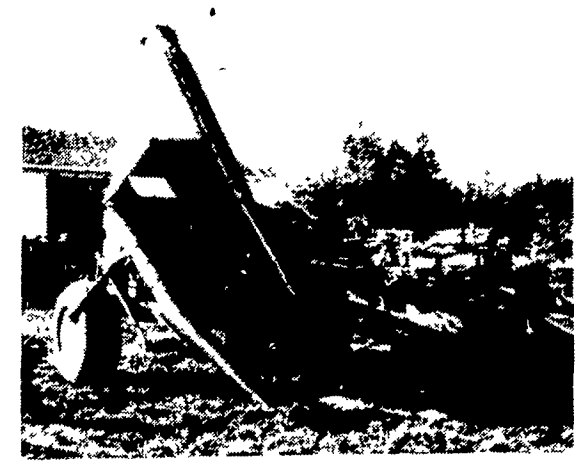
775-6608



AFTER SEASON SALE

One new Calhoun corn picker, 11L x 15 tires.

List Price - $5090.00
SALE PRICE $3600.00

ROBERT E. LITTLE, INC.
Box 51 - Rt. 29 & Little Rd.
Zieglerville, Pa. 19492
215-287-9643

TRACTORS

JD 7520 Cab, Air, Duals
JD 4240 Cab SOLD iew)
JD 4320 Dsl.
JD 4020 Dsl. Synco Range
JD 3020 Dsl.
JD 3010D
JD 2520 Dsl. WFE
JD 2030 Dsl. HU
JD 1520 Gas
JD 1020 Gas SOLD
JD 720 Gas 3 pt. hitch
JD 520 3 pt. hitch
JD 820 Dsl. 2 cylinder
IH 1206, very nice
IH 986 Cab, Air, 320 hrs. like new
IH 826 Dsl., C SOLD
IH 706 Gas
IH 706 German Dsl. WFE
IH 686 Dsl. w/roll guard, 700 hrs., like new
IH 656D WF
IH Super A w/cultv. very good
MF 285 Dsl, 900 hrs.
MF Super 90
Case 930 Comfort King
Ford 5000 Dsl, 8 spd.
Ford 3000 Gas
Oliver White 2255 cab & air, Cat V8 Eng.

PLOWS

Auto. Spring Reset
IH 710 5 or 6 Base 18" on land hitch
IH 700 5B 16"
Semi-Mounted
IH 550 5B
Oliver 566 5B
JD 145, 3, & 5B

DISCS

JD BWF, 16' thru 20' wing
JD BWA, AW, 12'6", 13'10"
IH 370 13' & 14'
Oliver 252 11'
JD & MF 4R Rear Mts. Cultivators

HARVESTERS

JD 35 w/2 RN Head
JD 16 A Flail SOLD per

CORN PLANTERS

JD 7000 4RW (new)
JD 7000 4R N (used)
JD 1440 4R no-till (like new)
JD 1240 Plate & Plateless, dry fert.
JD 494A 4R Liquid Fert.
IH 56 w/Liquid Fert.

BALERS

NH 276 w/thro SOLD
NH 275 w/thrower, Exc.
NH 273 w/thrower SOLD new)
JD 346 w/#30 ejector
JD 336 w/30 ejector
JD 214 W

COMBINES

MF 510 Dsl. Air, 13' grain platform, PU reel & Auto Platform height control.
IH 203 w/grain platform fair, $1475.00
Gleaner G, Cab, 13' Grain Platform, w/PU reel & auto platform height control
1975 JD 3300 w/cab, 13' grain SOLD m, PU reel, floating cutter bar, 900 hrs.
JD 55 w/cab, 13' grain table, 2R corn head, very good.

ROLLER HARROWS

Brillion 12' Roller Harrow
JD 12' Roller Harrow
JD 18' Transport Harrow

MOWER CONDITIONERS

NI Hesston 110 SP
JD 1209
NH 469
NH 467

IH 1066 TRACTOR, CAB, AIR NO/TA
$9850.00

MISCELLANEOUS EQUIPMENT

JD 46A Loader, good condition
Homemade Cab for Ford 5000
JD 750 Grinder-Mixer
John Blue Dry Fertz. spreader tandem axle
IH 50 4-row stalk shredder, new in '78
JD 243 Snapper Head w/Harvester Attach.
Brillion Alfalfa Seeder, 10 ft. Transport Type (new)
Nicolson Hay Tedder PT SOLD
NI 4 row stalk shredder
Myers Snow Plow for Farmall A thru 140

GUNTHER HEUSSMAN INC.
So. 5th St., Emmaus, Pa. 18049
215-965-5203

John Deere design, dependability, and dealers make the difference

JOHN DEERE

USED EQUIPMENT

NEW EQUIPMENT

New Tractors

JD 1050 JD 2040
JD 950 JD 2240
JD 850 JD 2440

TRACTORS

630 JD gas
JD 50 w/cultivators
IHC 1256 Turbo dual remote, PTO wfe
IHC 460
IHC Super C

CORN PLANTERS

2 - AC 500 4-rows
2 - JD 1240 4-rows, plateless
2 - JD 490 4-rows
3 - JD 494 4-rows
3 - JD 494A 4-rows
3 - JD 246 2 rows, 3 pt hookup
JD 1440 O-till 4 row

DISC HARROWS

JD KBA 28 regular
JD KBA 28 transport
JD 7802 offset 20 blade

USED NEW IDEA UNI EQUIPMENT

702 gas V6 power unit with 727 husking unit & 725 3RN head

NEW SPREADERS

NI 213 - 165 bu
NI 214 - 205 bu
NI 244 - 318 bu tandem axle
NI 245 - 365 bu tandem axle
All with single beaters & upper beater attach w/hydraulic endgate attachments available
JD model 34 - 150 bu
JD model 54 - 230 bu
JD model 660 - 300 bu tandem axle
JD model 680 - 400 bu tandem axle
All with single beaters & upper beater attach w/hydraulic endgate attachments available

LANDIS BROS., INC.
1305 Manheim Pike
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717-291-1046

FARM EQUIPMENT FARM EQUIPMENT

SPERRY NEW HOLLAND GEHL, BUSH HOG case

NEVIN N. MYER & SONS, INC.
RD1, Chester Springs, Pa.

USED EQUIPMENT

BALERS

NH S67 w/thrower
NH 68
NH 268 w/thrower
NH 271 w/thrower
NH 24T w/thrower

BALE WAGONS

NH Auto Loading 1030

BLOWER

NH 27 rebuilt & painted

CULTIVATORS

Pittsburgh 2R Sp. Tooth
Ford 2R Sp Tooth

DISC HARROWS

Trailer 24 Disc
JD 110 Transport

FG. HARVESTERS

Gehl CB 600 w/TR600CH
NH 880 W Windrow attch
NH 800 RW
NH 880 N2
NH 717 RZ

HAYBINES

NH 461
(3) NH 479
NH 495

MANURE SPREADER

MF Gr Dr 100 bu.
NH 362 Tank
NH 346 Tank

MOWERS

NH 451 Sickle Bar
AC Side Mount
Sunmaster 6' Rotary
Bush Hog 207R

PLOWS

Ford 2x12" 3 pt. hitch
Pittsburgh 2x16" Sp. Trip 3 pt.
Oliver Semi-Mtd 5x16" Sp. Auto Reset

TRACTORS

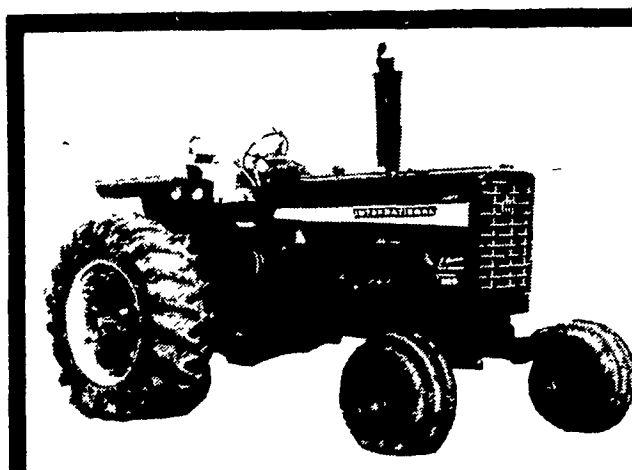
Ford 8N
Oliver 88
Case 630 w/4R Cultv
JD 4020
Yanmar 240 w/loader & backhoe
Case 990 w/65 Quick Detachable loader

WAGONS

Gehl BU 710
Grove 8'x16' deck mounted on Gehl 500 running gear

Call Ken Myer
215-827-7414

FARM EQUIPMENT FARM EQUIPMENT



HERR & LEAMAN
Farm Equipment

QUALITY USED TRACTORS

IH 1456, fully equipped. 10,250
IH 1206, new TA 8,200
IH 1256 diesel, cab, fully equipped. 10,000
IH 806 diesel, M&W turbo, 3 pt. WF 7,500
IH 856D, new TA, 3 pt. 9,600

100% Money Back Guarantee on all the Above Tractors

TRADE-INS

IH 560D. 2,800
IH 806G, wf, 2 p SOLD 4,200
Year Round Cab w/air fits IH. 1,100
Cab for IH will fit tractors between 706 - 1456. 600
Duals 18.4x34 & 38

Ph. Lancaster 717-284-4659
& Evenings 717-786-4899

USED EQUIPMENT

Tractors

Farmall M
Farmall F14
Farmall 1066D
F 1206 D
F 986 D (Like New, Low Hours)
I-284 with Blade
I 350 D with Loader
IH 154 LoBoy w/Mower
Wide Front Axles - 656, 504, 460
1 Set Duals w. 16.9x38 Tires
Oliver 70
Oliver 1850
AC D15 with Loader

Plows

540 4F 14 inch Plow
IH 311 mtd.
2F Trailing Plows
Oliver 5F 16"
MM 4F 16" Trailing
Fast Hitch 2 way

Tillage

JD Disk
Cub Disk
12' S.T. Harrow
16' S.T. Harrow
Howard S.T. 180 Rotovator
Dunham 15' Cultimulcher
IH 770 Offset Disk

Planters & Drills

JD 1250 6 Row
IH 449 4 Row
IH 56 4 Row
Oliver 4 Row
MF 4 Row
Dearborn 13x7 Drill
Ontario 16x7 Drill
JD Rotary Hoe
Ford 2 Row
NI Lime Spreader
Cub Planter

Pickers

IH 234 (2)
IH 2 MH
IH 2 ME
NI 327 Super Sheller

Combines

IH 82 Pull Type
IH 403
IH 227 Corn Head
IH 743 Corn Head
IH 843 Corn Head

Hay Machines

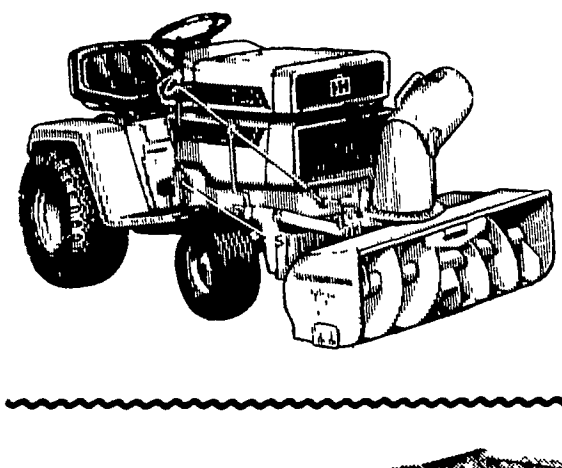
IH 46 Baler w. Thrower
IH 47 w/thrower
IH 37 w/thrower
IH 2 Hay Conditioners
IH 440 Baler w/thrower
IH 241 Baler
IH 115 Mower
IH 31 Mower
MF 31 Mower Cond.
M.C. Rotary Scythe
Woods 306 Mower
Kubota 60" Mower
JD Mower Cond.
AC 303 Baler
Case Rake

Forage Equipment

IH 650 Harvester w/2 heads
IH 550 Harvester w/2 Heads
IH 50 w/PTO Drive
IH 16 Harvester
JD 6 Harvester
JD 34 Harvester w/2 Heads
AC 780 Harvester
Badger Harvester
Fox 546 Harvester
Papec 180 Harvester w/2 Heads
NH 717 with 2 Heads
NH 770 Harvester
NH 22 Blower
NH 25 Blower
IH 42 Blower
Kools Blower

Miscellaneous

Mayrath 41 ft. Elevator
Snow Blowers For Cadets
IH 1850 Loader



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IH

You can depend on a Knight

KNIGHT

Truck, trailer or stationary mounted 320, 280, and 170 cu. ft cap models

blend and mix up to 10,000 lbs. of rations in 3 to 5 minutes

"AUGGIE low RPM augers thoroughly mix and blend feeds, grains, supplements, with moist silage haylage molasses and other liquids Results PROVEN higher grains reduced sickness and foundering Better efficiency and more profits are yours from an "AUGGIE" feeding program

Engineered for trouble-free service, 'AUGGIES' feature high-grade bearings, smooth running drives and wide discharge chutes Optional electronic scales available for accurate weighing of rations

HARD WORKER!

MC CHOPPER... *a real money-maker that does many jobs*

- *Chops and loads green feed*
- Shreds and loads corn stalks for feed or bedding
- Mows weeds pastures orchards 5 ft cutting width

You ll never see a tougher harder-working machine!

WOODS
Division of Hesston Corporation

WOODS offers a wide choice of standard, medium and heavy-duty rear blades. All blades can be easily adjusted for angle, tilt, offset and full reverse. Use WOODS blades for scraping, ditching and plowing snow.

See This Equipment And More

OPEN HOUSE COMING FEBRUARY 11-15, 1980

Parts Discounts, Refreshments, Door Prizes, Films
Watch For Details In Next Week's Ad.

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On Rt. 645 in Frystown
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IH INTERNATIONAL® AGRICULTURAL EQUIPMENT

PARTS DEPT. HOURS
Mon.-Fri. 7 AM to 5 PM
Sat. til 11:30 AM
• UPS SERVICE AVAILABLE

FARM EQUIPMENT

FOR SALE

IH 3200 hydrostatic skid loader
JD 350 crawler loader
Amco 14' disc
MF 1155 w/cab & air
MF 175
MF 1130
MF 760 combine, 6 row 30" corn head, 15' grain table
MF 321 corn head
JD 4230 quSOLDze
IH 826
NI 506 loader

MELVIN M. BURKHOLDER
Ephrata, PA.
717-859-2960

FARM EQUIPMENT

SPERRY NEW HOLLAND

SERVICE & REPAIRS
For Allis Chalmers, New Holland, Starline, VanDale, and other farm equipment.

N.H. NEW EQUIPMENT
310, 315, 320 Balers
474, 478, & 488 SP Haybines
519, 679, 791 Flatbed Spreaders
362 & 363 Tank Spreaders
L35 Skid Loader
14, 230 & 234 Wagons
#8 Forage Boxes
718, 892, 1895 SP Harv.
353, 358 Gr. Mxrs.

STARLINE SPREADERS
Special prices
930, 950 flail
.....
2200, 3200 gal.
closed

N.H. USED EQUIPMENT
365 & 516 tank spreaders
451, 479 Haybines
880 Fg. Harv., 2R & 3R
717 Fg. Harv. w/2R Hd.
770E 1 R Snapper Hd.

MISC. USED EQUIP.
Hesston Fg. Harv. w/hay & cornheads
Ford 352 4R Corn Planter w/fert. & Insecticide
JD 494A 4R Corn Planter w/Fert. & Insect.
IHC Hay Tedder
MF 130 bu. Spreader
AC Hopper Blower

Also Dealer For
Pequea Tedders & Saws
Zimmerman Elevators

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LIQUIDATION SALE
ALL EQUIPMENT AT COST

NEW INTERNATIONAL FARM EQUIPMENT:

Farmall 886D Tractor 85 hp
Farmall 986D Tractor with AC cab 105 hp.
H-84 Hydrostatic Tractor
684 Utility Tractor 62 hp
1440 Axial Flow Combine w/4
720 5 bottom 18" Automatic Plow
735 5 bottom vari-width Plow
735 6 bottom vari-width Plow
420 3 bottom three pt hitch Plow
55 Mounted Chisel Plows 7 ft.
5500 Mounted Chisel Plow 13 ft
490 Disk Harrow 20#
350 Disk Harrow 9'1"
122 Mounted Disk Harrow 5'6" wide
122 Disk Harrow 6'3" wide
122 Dis Harrow 7'11" wide
400 Cyclo Planter w/no-till 4 row
2250 Mount-A-Matic Loader
4500 Vibra-shank 18'6" Field cultivator
510 5 furrow spring trip Plow
35 Hay Rake
540 Manure Spreader
550 Manure Spreader
4140 Compact Loader Tractor

USED FARM EQUIPMENT:

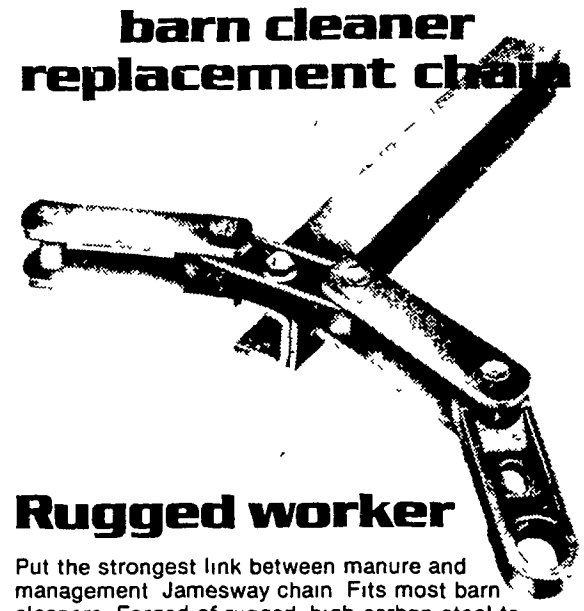
4156 Int. F-886D Tractor #9568
4054 Massey Ferguson 1150 Tractor w/duals, cab
3380 Massey Ferg. 4 btm Plow
3383 John Deere 12' Roller Harrow
3798 John Deere 12' Roller Harrow
4170 Int 470 Wing Disk Harrow 17'5"
3905 John Deere 7 btm Plow OTL hitch
3911 New Idea 702 Uni-Harv w/sheller
4192 Int. 815 Combine
4211 Int 810 Header 13'
4209 New Idea #7 Picker
3094 Int 744 Corn Head
3231 Int. 844 Corn Head
4045 Heston PT-10 Mower Cond
3273 John Deere 14T Baler
4180 Int. #5 Flail Chopper
3631 Int #10 Drill
3687 Int MF 16x7 Drill
2481 Lillston Rotary Mower
3073 Jamesway 16' Silo Unloader
3800 New Idea 213 Manure Spreader

MOST EQUIPMENT AVAILABLE ON IHCC FINANCE PLAN.
No interest until spring.
(All prices FOB Flemington)
Prices good until sold or until business is closed or sold. See other ads in this paper

VAN ZANDT
SALES AND SERVICE
Rt 31-202, 3 Miles South of Flemington N J 201-782-2600

FARM EQUIPMENT

JAMESWAY®
barn cleaner replacement chain



Rugged worker

Put the strongest link between manure and management Jamesway chain Fits most barn cleaners Forged of rugged, high carbon steel to reduce wear Links connected with double swaged alloy steel pins to prevent loosening Reversible to add years of working life

See us for systems and service that help make the good life better.

WE HAVE IN STOCK
REPLACEMENT CHAINS
Now is the time to check yours.
★ 2" x 18" Paddles Only

AGRI-EQUIPMENT, INC., OFFERS COMPLETE:
• SALES • INSTALLATION • SERVICE

AGRI-EQUIPMENT, INC.

CATTLE - HOG - POULTRY EQUIPMENT
RD4 Ephrata, PA 17522 PH: 717-354-4271
Hours: Mon.-Fri. 7:30 to 5:30; Sat. 7:30 to 12:00

TRACTORS Duetz - 10006, 9006, 5505, 6006, 5005. John Deere 5020, 4020, 2510, 3020, 4010, 2010, 830 & 730. Massey Ferguson N30, 1080, 1100, 165, 178, 590 & 150. Case 930, 870, 1030 & 1200 Oliver 1850, 1950, 2150, 1600 & 1800. Farmall 806, 656, 140, 240, 1468. Fords, Moline, David Brown, Allis Chalmers, Long and lots more Tractors not listed. Backhoes, Loaders, Fork Lifts, Pay Loaders, Crawler Tractors, UniLoaders, Trenchers, Road Graders, 4 Wheel Drive Tractors. Roto Tillers, Stone Pickers, Chisel Plows, 2, 4, 6 Row Corn Planters, No Till Planters, 1-7 Bottom Plows, Cultimulchers, Cultipackers, Disc Harrows, Roll over Plows, Balers, Rakes, Mowers, Tank Spreaders, Corn Shellers, Grain Drills, Loaders for Ford Tractors. Hundreds of Tractors and Lots of Equipment not listed.

CLYDE E. KEENER
Intersection of
Rts. 72 & 283
Lancaster, Pa. 17601
Phone: 717-569-9861

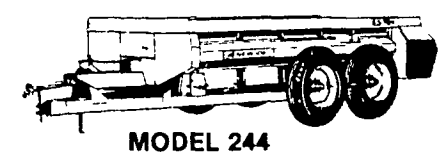
BALDOR ELECTRIC MOTORS

Warehouse and Factory Service
For Service Call 717-354-5566.
BALDWIN ELECTRIC MOTOR DIVISION, INC.
Box 232
Honey Brook, PA

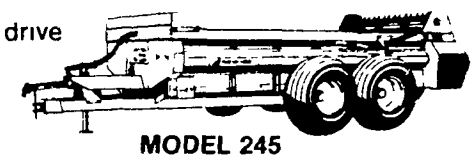
THE BIG ONES ARE HERE!

LARGER, MORE EFFICIENT SPREADERS FROM AVCO NEW IDEA

- 325 bu. and 375 bu capacities
- All-wood box
- New rugged frame
- Heavy duty worm gear conveyor drive
- Extra rugged beater
- New conveyor overload clutch



MODEL 244



MODEL 245

AVCO NEW IDEA FARM EQUIPMENT

USED EQUIPMENT

TRACTORS
Case 730 D
Case 970 Cab
Case 1030
Case 1070 Cab - Air
Case 1370 Cab-Air-Duals
J.D. A
J.D. MT
M.F. 2135 Turf

NEW IDEA EQUIP.
Manure Spreaders 212, 213, 214
325/314 picker sheller
314 sheller
#10 picker
310 picker
323 pickers
319 mounted
270 cut-ditioner
404 wheel rake

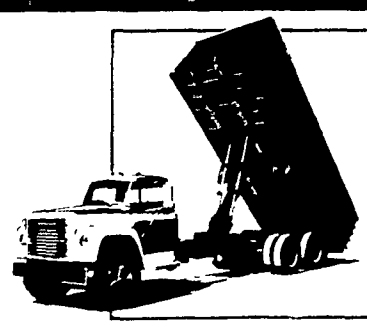
UNI-SYSTEMS
702 G Power Unit
- 727 Bed
- 725 Head
702 G w/combine
760 Harvester
Assorted Heads
767 Harvester
768 3R - W/N
710 Combine
763 3R Row Crop

FORAGE EQUIP.
Gehl CB 600 Harvester
AC 782 Harvester
AC Flail Chopper
J.D. Flail Chopper
J.D. 65 Blower
Grove Box
N.H. 1880 SP

MISC. EQUIP.
Case 600 Combine
Case 1530B Uniloader
Hesston PT-10 mow-ditioner
Case 2 row planter
Brillion cultipacker
M.H. grain drill
Oliver #13 grain drill
Gehl 95 grinder-mixer
OMC 117 grinder-mixer
Wetmore 878 grinder-mixer
N.H. 352 G. Mixer
J.D. #48 loader
Oliver 5 or 6 btm. plow
N.H. 354 grinder-mixer
IH 12' disk
Triumph hyd. mower
J.D. Trail plow
Pittsburgh 12' disk
J.D. 44 manure spreader
Ford hay crimper

SALES & SERVICE
A.L. HERR & BRO.
PARK AVE., QUARRYVILLE, PA.
Phone: 717-786-3521
After 5 P.M. Call Dave Trout, 717-786-2920

case
GEHL Gets into your system
NEW IDEA



Tough, Dependable Truck Bodies & Hoists

Omaha Standard

FARMERSVILLE EQUIPMENT INC. Ph. 717-354-4271

WISCONSIN Heavy-Duty ENGINES
6 to 65 H.P.
AUTHORIZED SERVICE CENTER
Complete Rebuilding - Large Parts Inventory

SPECIAL: TJD 2 Cylinder 18 h.p. With Electric Start
$675.00

FISHER ENGINE SERVICE

Amos L. Fisher
3[illegible] [illegible] Phila. Pike 717-768-3729 Bird-In-Hand, PA 17505

OPEN HOUSE

C.B. HOOBER & SON, INC.

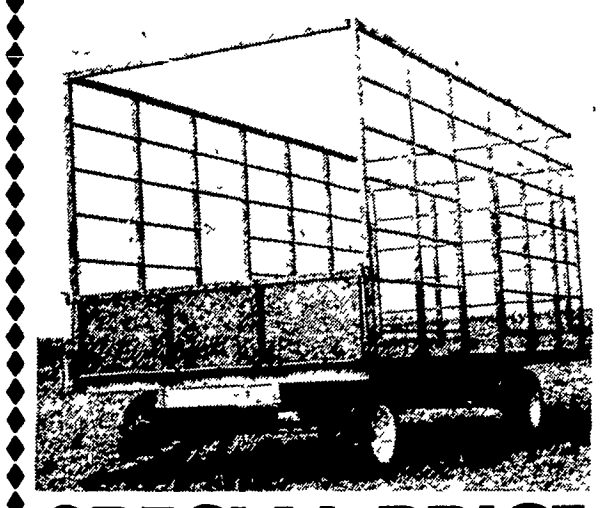
FEBRUARY 4 THRU FEBRUARY 9

Monday Thru Friday - 7 a.m. to 5 p.m.
Saturday 7 to Noon

AGRI-CULTURE DAYS

OPEN HOUSE SPECIALS

RUGGED STEEL BALE WAGONS



SPECIAL PRICE

ONE GALLON IH OIL

ONLY **$2.00**

★ With Purchase of any 5 gallons of Lubricants
★ 10W Oil While Supply Lasts

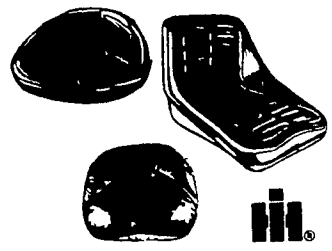
SAVE 30%
ON ALL 30 Gallon Drums

	SPECIAL
Low Ash Reg. $150.55	$105.38
#1 Oil Reg. $147.90	$103.53

	Reg.	SPECIAL
LOW ASH		
Qt.	$1.30	$1.15
Gal.	$5.15	$4.60
5 Gal.	$25.00	$22.60
55 Gal.	$244.50	$220.00
#1 ENGINE OIL		
Qt.	$1.28	$1.15
Gal.	$5.00	$4.45
5 Gal.	$24.60	$22.20
55 Gal.	$239.35	$215.85
HY TRAN		
Gal	$4.95	$4.45
5 Gal.	$23.95	$21.50
55 Gal.	$239.75	$207.00

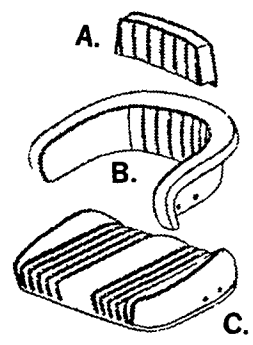
IH MODERN SEATS AND COVER

Fits:
- H
- M
- 300
- 400



REPLACEMENT SEAT CUSHIONS
10% OFF
Just a Sample of Prices:

A. 1131703R1..... $8.59
B. 1131704R1.... $19.30
C. 1131702R1.... $23.59



IH MULTI-PURPOSE GREASE

TUBES

Case of 50 — Reg $47.50 — SAVE $6.50 — SPECIAL $41.00

Carton of 10 — Reg $9 50 — SPECIAL $8.50

GUN Only $5.35

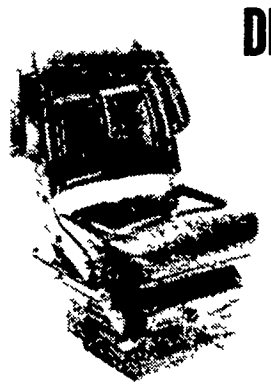
35 Lbs. Reg. 30.50 — SPECIAL $26.00

GREASE PUMP Reg 37 50 — SPECIAL $25.00

DELUXE COMFORT SEATS

LESS 10%

"New" 86 Series Seat Assembly To Fit Your Older Model Tractor

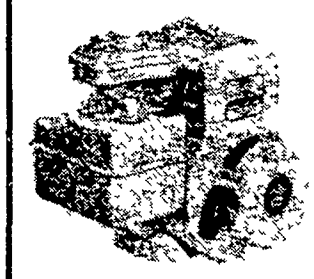


Seat Assembly w/full Suspension..... Only $216.25

Replacement Seat Assembly For Vertical Acting Suspension..... Only $95

Replacement Seat Assembly for Hydraulic Acting Suspension .. Only $110.50

BRIGGS & STRATTON ENGINES



3 H.P.	$79.95
5 H.P.	$96.90
5 H.P., Gear Reduction	$139.95
8 H.P.	$199.95
10 H.P., Cast Iron	$319.95

UP TO 15% OFF ON ALL LAWN MOWERS IN STOCK

- IH Cub Cadets & Lawn Tractors
- Hahn Mowers
- Hahn Tillers
- Lawnboy Mowers

ECHO

302 A DX Model
Weed & Brush Cutter
10% DISCOUNT
on all ECHO POWER SCYTHES

10% OFF ALL CHAINS AND ACCESSORIES

BAR OIL
$3.95 Gallon

McCULLOCH 610 CHAIN SAW
3.7 Cu. Inch w/Extra Chain
$229.95

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RADIO CONTROLLED TRUCKS FOR BETTER SERVICE

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FEBRUARY 4 THRU I

MONDAY 1

S/

FULL

LAW

STOP BY & SAY HELLO!
See Our Informative & Entertaining Programs and take advantage of our special prices.

STEIGER · RAUSE · SUNFLOWER · IH

FREE COFFEE AND DONUTS

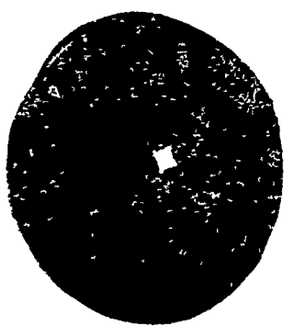
10% CASH DISCOUNT ON PARTS ALL WEEK!
EXCEPT SPECIALS

DOOR PRIZE

HC

TILLAGE PARTS - Save Up To 50%!

DISK BLADES



	Reg.	SALE
9318½-18"...7/8" square hole...7 ga.	$15.30	$9.75
14381½-20"...1-1/8" square hole...9 ga.	$16.81	$14.45
472217R1-20"...1-1/8" square hole.. 8 ga.	$19.69	$16.90
482975R1-22" ..1-1/8" square hole...6 ga.	$25.86	$22.25
472218R1-22". 1-1/8" square hole...7 ga	$24.71	$21.25
1022-C25-22". .1¾" round hole ¼" thick	$30.49	$25.90
226515-PD-22"...1½" round hole...5/16" thick	$32.48	$27.90
248017-PS-24"...1¾" round...5/16" thick	$54.88	$46.65
Disk Harrow Bearing-ST491A	$28.13	$19.95

CHISEL POINTS

THREE PIECE

MOLDBOARD Reg. $10 50 — SPECIAL $9.00

FROG Reg. $6.30 SPECIAL $3.15

POINTS Reg. $5.85 SPECIAL $5.00

SINGLE PIECE

3/8 Thick

594545R1.. Reg. $7.64 . Special $5.35

594546R1.. Reg. $7.64 . Special $5.35

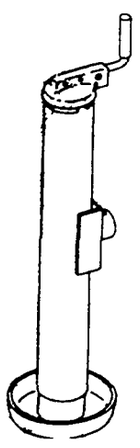
½ Thick

1235L...Reg. $9.40.... Special $7.50

1235R...Reg. $9.40.... Special $7.50

HEAVY DUTY
Regular $19.00
SPECIAL $16.00

HITCH JACKS

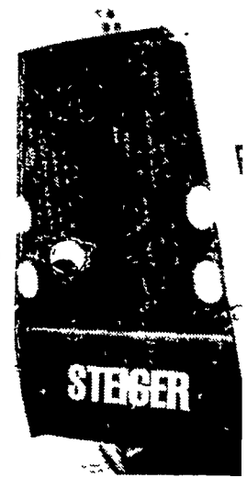


$15 Heavy Duty Equipment Hitch Jack

Baler Jack $9.95

17" PLOW COULTER
Reg $24 39
SPECIAL $19.50

SPECIAL PRICE ON IH PLOW PARTS

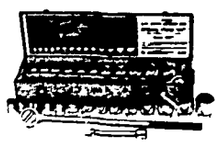


13,000 S

- IH 1440 / 820 Flex-
- IH 784 D Loader, 1
- IH 5100 Gauge W DRILL

10% DISCOUNT TOOL SPECIALS

14 PIECE COMBINATION WRENCH SET
Contents— Fourteen com bination wrenches (3/8 1¼) plastic pouch
SPECIAL $63.75
Reg 94 95



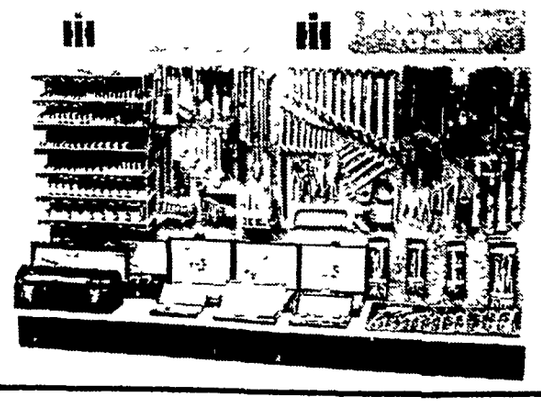
15 PIECE ¾" DRIVE SOCKET SET
Contents—Twelve ¾ drive regular length sockets (7/8 2) 8 extension 24 re versible ratchet sturdy metal box
SPECIAL $99.95
Reg 168 38

Two Drawer Chest and Rollaway
HANDY AND ECONOMICAL
Features—Abrasion resistant wrinkle finish easy glide two piece draw slides stainless steel hinge pins rugged cylinder locks two keys
SPECIAL Both $99.95

7 Piece Screwdriver Set
Contents—Seven screwdrivers 4 round blade 6 round blade 8 round blade No 1 Phillips No 2 Phillips stubby screwdriver pocker screwdriver plastic tray
SPECIAL $10.99 Reg 21 00

A FULL LINE OF IH TOOLS

★ LIFE TIME GUARANTEE



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ER & SON, INC.

THRU FEBRUARY 9

MONDAY THRU FRIDAY, 7AM to 5 PM
SATURDAY, 7 to NOON

AGRI-CULTURE DAYS (SM)

FULL LINE OF LAWN & GARDEN EQUIPMENT

VER LAWN-BOY ECHO Hahn McCULLOCH

IT
K!

5.35
5.35

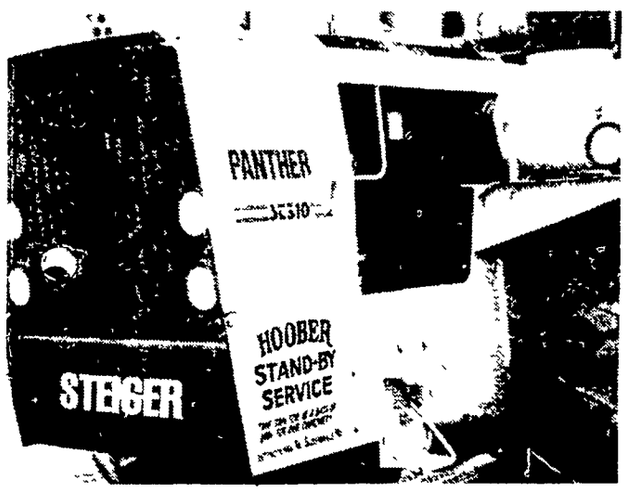
7.50
7.50

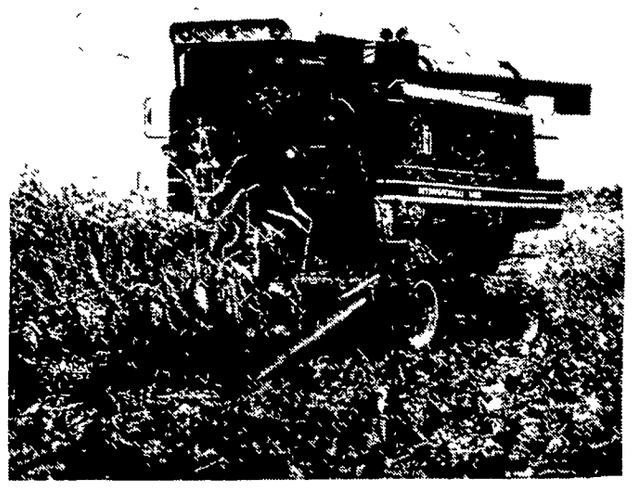
DOOR PRIZES

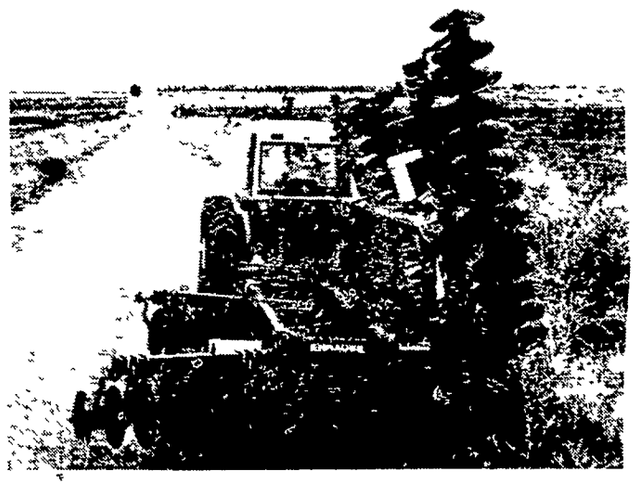
FARMER'S DAY - THURS. FEB. 7
FEATURING

FREE LUNCH At 12:00 NOON

HOOBER EQUIPMENT SHOW







FARM MACHINERY BUILT FOR THE 1980's!

13,000 Sq. FEET ▶ LARGE INDOOR DISPLAY ◀ 13,000 sq. FEET

FEATURING THE FOLLOWING EQUIPMENT:

- IH 1440 Axial Flow Combine with 820 Flex-cutterbar Head
- IH 784 D Utility tractor with 2250 Loader, Torque Amplifier.
- IH 5100 Grain Drill with Depth/ Gauge Wheels — THE SOYBEAN DRILL
- IH 1190 Mower Conditioner
- IH F1086D Tractor with Kuker side-mounted sprayer and disc harrow chemical incorporation equipment.
- Krause 1924 Rockflex Disc w/disc kit and mulchers
- Steiger ST-251 w/Constant Power Cummins Engine
- Servis Flex XV Heavy duty 15' Mower/Shredder.

YOU SAVE

BECAUSE HOOBERS BUYS LARGE VOLUMES OF PARTS - MORE THAN $850,000 IN 1979!

OLLED TRUCKS FOR BETTER SERVICE

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OPEN HOUSE

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FEBRUARY 4 THRU FEBRUARY 9

Monday Thru Friday - 7 a.m. to 5 p.m.
Saturday 7 to Noon

AGRI-CULTURE DAYS

SPRAYER HEADQUARTERS

BLUE

Say DELAVAN... for dependable agspray hardware!

FMC BEAN.

THE Kuker LINE

See On Display All Week:

★ **KUKER** - 200 Gal. Saddle Tanks on F1086D

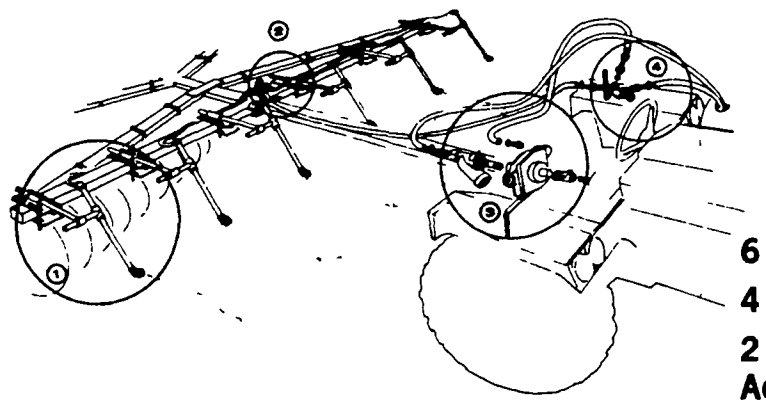
★ **BLUE SPRAYERS** - Stainless Steel Trailer Sprayer w/Ground-driven Pump.

★ **FMC - BEAN** - D010-200-SS Trailer 1229 3 Point Hitch Airblast Sprayer

★ **Complete Line of Pacer Agricultural Transfer Pumps**

KUKER 400 GAL. SIDE MOUNT

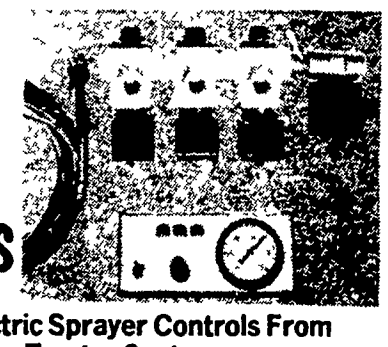
WE SPECIALIZE IN CHEMICAL INCORPORATION SYSTEMS



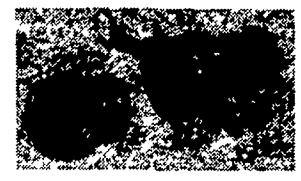
INCORPORATION DISK HARROW KITS

6 ROW	$183.00	$146.00
4 ROW	$131.00 ...	$105.00
2 ROW Additional...	$62.00 ...	$ 49.60

20% OFF ON ALL SPRAYER ACCESSORIES



Fingertip Electric Sprayer Controls From The Tractor Seat.



QUICK COUPLINGS

SIZES AVAILABLE FROM ½" TO 2"

PACER DOUBLE ACTING PLASTIC HAND PUMPS

Can Handle Most Chemicals

NON-CORROSIVE

Turbo-90 Pumps

Centrifugal Pump/ Hydraulic Motor

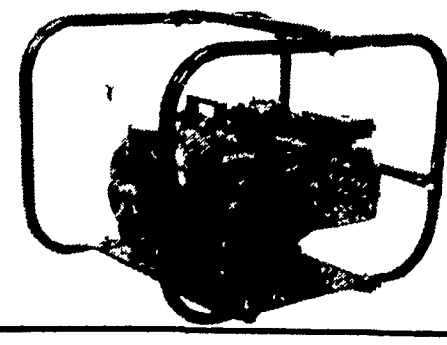
Roller Pumps

PUMPS

- ★ CENTRIFUGAL TURBO 90
- ★ CENTRIFUGAL GEAR DRIVEN
- ★ CENTRIFUGAL BELT DRIVEN
- ★ CENTRIFUGAL HYDRAULIC DRIVEN
- ★ ROLLER PUMP
- ★ WITH ALL REPAIR PARTS IN STOCK

SELF PRIMING

PACER PUMP



1½" x 3 HP
2" x 3 HP
2" x 5 HP
2" x Hyd. Motor

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C. B. HOOBER & SON INC.

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master charge

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J I Case Needs a Few New Dealers

We are looking for enterprising businessmen who understand agricultural equipment retailing "We being the J I Case Company Founded in 1842, Case now has over 3,000 dealers world-wide and an unsurpassed reputation for product quality, reliability and current growth

If you think that the farm equipment business requires involvement with many different product lines, you'll find Case an interesting exception As a Case Tractor Specialist, you concentrate on *one major product line*, agricultural tractors and related tillage tools, because Case builds nothing but tractors for the farm market

Case Dealers sell twelve basic tractors, 43 to 300 horsepower Five models are under 90 horsepower, four are the exciting new 90 series - 108 to 180 horsepower, and our three big four-wheel drive tractors lead the booming 4WD market

High potential marketing areas are available now Profitable Case light construction and outdoor power equipment contracts may also be available As a Case Tractor Specialist, you would benefit from liberal financing policies, attractive consumer terms and time-proven Case Rental Systems

Case product and policy advantages, when combined with your own aggressive sales and management abilities, will afford you the *opportunity to realize* an excellent return on your investment

Are you interested? Please contact

W.M. KIMBROUGH
Dealer Development Manager
J I Case Company, P O Box 50128
Indianapolis, Indiana 46256, or call collect
(317) 849-4770.

J I Case
A Tenneco Company

case

FARM - LAWN & GARDEN - IND. - SKID LOADERS

— USED TRACTORS —

- (2) Farmall Cubs w/ hyd.
- (1) Farmall A
- (1) Farmall Super A w/hyd
- (1) Farmall BN
- (2) Farmall H's
- (1) IH 154 Lo-Boy
- (1) IH 444 G
- (1) Satoh S650-G 27 HP
- (1) Massey Ferguson 65 D
- (1) JD 730 D
- (1) JD 440 Dozer w/ frt. blade & 3 pt hitch
- (1) JD 170 Skid Loader
- (2) Ford 9N's
- (2) Ford 8N's
- (1) Ford NAA
- (1) Ford 860 G
- (1) Ford 871 G
- (1) Ford 871 D
- (1) Ford 841 G
- (1) Ford 900 G
- (1) Ford 971 G
- (1) Ford 4200 D
- (1) Ford CL-20 Skid Loader
- (1) Ford 335 w/ loader
- (1) Kubota L245 4WD, 35 hrs

Loaders, mowers, plows, cults , etc. available for some above

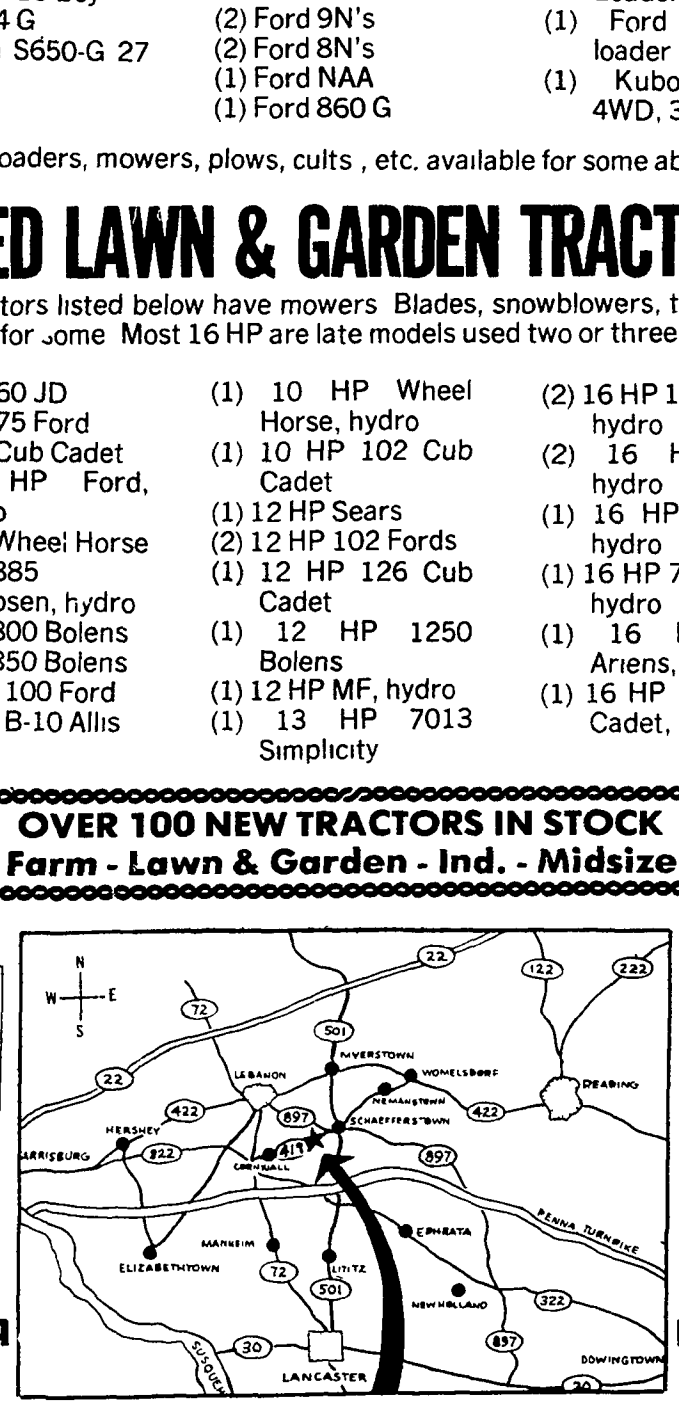
USED LAWN & GARDEN TRACTORS

All tractors listed below have mowers Blades, snowblowers, tillers, etc available for some Most 16 HP are late models used two or three seasons

- (1) 6 HP 60 JD
- (1) 7 HP 75 Ford
- (1) 7 HP Cub Cadet
- (1) 8 HP Ford, hydro
- (1) 8 HP Wheel Horse
- (1) 8 HP 885 Jacobsen, hydro
- (1) 8 HP 800 Bolens
- (1) 8 HP 850 Bolens
- (1) 10 HP 100 Ford
- (1) 10 HP B-10 Allis
- (1) 10 HP Wheel Horse, hydro
- (1) 10 HP 102 Cub Cadet
- (1) 12 HP Sears
- (2) 12 HP 102 Fords
- (1) 12 HP 126 Cub Cadet
- (1) 12 HP 1250 Bolens
- (1) 12 HP MF, hydro
- (1) 13 HP 7013 Simplicity
- (2) 16 HP 165 Ford's, hydro
- (2) 16 HP MF's, hydro
- (1) 16 HP 300 JD, hydro
- (1) 16 HP 716H Allis, hydro
- (1) 16 HP S-16 Ariens, hydro
- (1) 16 HP 1650 Cub Cadet, hydro.

OVER 100 NEW TRACTORS IN STOCK
Farm - Lawn & Garden - Ind. - Midsize

Ford Tractors Equipment



Ford Tractors Equipment

KUBOTA KUBOTA

KELLER BROS. TRACTOR CO.

717-949-6501 Buffalo Springs, PA 717-949-6501
Rt. 419 - 1 mile West of Schaefferstown, Lebanon Co

MF Massey Ferguson

USED TRACTORS

MF 50A Tractor Loader Backhoe	14,000.00
MF 1155 Diesel Less Cab	11,000.00
MF 1805 Diesel 4 Wheel Drive	18,500.00
MF 1130 Diesel with Engine Overhaul	8,900.00
MF 40 Diesel with Industrial Loader	4,900.00
MF 97 Diesel 4 Wheel Drive.	4,000.00
Farmall Cub with Cultivator	1,800.00
MF 65 Diesel with Loader	3,000.00
MF 35 Gas with Loader	2,200.00
MF 50 Gas	2,200.00
MF 135 Gas	3,100.00
MF 85 Diesel SOLD	2,200.00
MF 135 Diesel	3,900.00
Oliver 55 Gas	1,350.00
M.M. 335 with Loader	1,400.00
Farmall "M" Tractor & Picker	1,000.00
New MF 205 Diesel 20 h.p. with Quick Attach Loader List Price 6800.00 . . Special Price	5,750.00
MF 1105	11,500.00
MF 1100	6,400.00
MF 85 Gas	2,400.00
MF 178	4,500.00
MF 245, like new	7,900.00
MF 2675, like new, 100 h.p. w/cab and 24 speed transmission	20,500.00

M.M. WEAVER & SONS, INC.

LEOLA, PENNA. 17540
PHONE: 717-656-2321

Located: 4 miles west of New Holland on Route 23, one and one-half mile northeast of Leola, on the North Groffdale Road, one mile on the right, opposite Groffdale Mennonite Church

SAME Leyland Tractors

FOR SALE

Same Saturno - 80 4wd, 125 hrs. $11,000.

NI 224 single beater spreader w/hyd. gate $1900

Sellersville 12 ton equipment trailer 17 ft. bed w/Beaver tail & loading ramps Elec. brakes 8 wheels $1500.

Athens 1x2x32 7shank 3 bar pull type chisel plow w/cylinder & hoses $1375.

1973 Champion 21 ft. travel trailer sleeps 6, excellent cond. $2000.

NH Model 362 tank spreader, 145 bu., 1 yr. old $1600

NI 12A spreader, nice condition $500

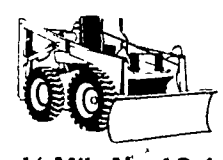
NI 218 manure spreader w/2nd beater hyd gate, cylinder & hoses $2385.

New Donahue farm implement carrier, 7'3"x 21 ft. tandem axel 9.5Lx15 8 ply tires $1625.

NI Model 213-217 spreader w/pan attach, $1200.

Badger Model 205, 205 bu. $1050.

HEISEY FARM EQUIPMENT, INC.
RD 1 Jonestown, PA
717-865-4526



SCHAEFFERSTOWN EQUIPMENT CO.

SCHAEFFERSTOWN, PA

½ Mile N. of Schaefferstown on Rt. 419
Phone 717-949-6529
Ask for Lee, Gene or Ralph

HOURS: Mon. thru Fri
7:30 A.M. to 5:30 P.M
Sat 7 30 to 12:00 Noon
Evenings by appointment only

CRAWLER LOADERS

1971 Co 951B	$21,500
AC HD 7 B w/cab & ripper, sharp!	$17,500
JD 450B	$16,500
JD 450	$12,500
IH 175B w/cab	$12,500
IH 175	$10,500
Cat 955H 60A w/cab	$10,000
Cat 955H 60A	$9,500
Cat 977 20A Series w/cab, good cond	$9,750
IH 150 4-in-1 bucket, clean	$9,500
TD6, 4-in-1 bucket, excellent cond	$8,750
JD 2010 w/backhoe	$8,500
JD 350	$8,500
JD 2010 Dsl	$7,000
IH T340 Dsl 4-in1 Bucket w/ripper	$6,000
(2) AC HD5 ea	$5,000

CRAWLER DOZERS

JD 450B, 1971, 6-way angle	$12,500
Cat D8, 2U, Hyd	$10,500
JD 450 Angle overhauled	$9500
JD 350 6-way angle	$8500
Cat D6, hyd	$6500
Case 310 G 6-way angle	$5500
IH TD 14, hyd	$2500

BACKHOE LOADERS

Case 580B 1975 w/cab	$18,500
Case 580B 1973 w/cab	$13,500
JD 310 Backhoe Ldr w/ROPS	$12,500
Case 580 Dsl	$9500
Cabot Hyd Excavator Det	$8500
Case 580CK Dsl	$7500
IH 3414	$7000
Case 530 Diesel	$6500
Ford 3500 Gas, Clean 1968	$5750

TRUCKS

1970 Int T/A Dump Dsl	$10,500
1971 Int T/A Dump	$10,000
1965 Chevy Dump w/9 ton Tag-Along Trailer	$7,500
1977 Chevy Silverado, AC, PS, PB, EW	$4500
1975 Chevy Blazer 4x4	$3995
1965 Dodge Dsl Flat Bed	$3850
1964 Int Dump	$3850
1965 Chevy Dump, C-60, good cond	$3500
1965 Ford Pickup	$650

TRAILERS

1979 CMI Folding Hydr Gooseneck	$30,000
16 ton General Tag-Along	$4000
28' Dump Trailer	$3500
Tandem Axle Skid Loader Trailer	$1500
2 ton Tandem Axle Tilt Trailer w/winch	$1200

PAVERS

Layton M 500	$3250
Layton	$2000

AIR COMPRESSORS

Schramm 125	$1800
Worthington 185 as is	$750

TRACTORS

JD 1010 Dsl w/Ind Ldr , 3 pt overhauled	$4500
MF 35 Dsl 3 pt	$3500
Ferguson 20 w/new Sauder Loader	$2250

GRADERS

Huber Wargo w/Cab	$6500
Huber Maintainer	$2000

RUBBER TIRED PAY LOADERS

175 Michigan Series 2 318 GM	$14,000
75 Michigan 4x4 371GM	$8500
Case W9 w/cab	$8000

SKID STEER LOADERS

Case 1737 w/Rops 1973 Very good cond	$5000

ROLLERS

2 to 5 ton Roller	$2950
Kenroll 1½ ton	$2850
Huber 3 to 5 Ton	$2500
2 Ton Stapac 1978	$2500
Huber 10 ton 3 wheel 1966	$2200
1 Ton Roller	$1500

MISCELLANEOUS

14' Dump Box	$1600
Heavy Duty Dump Box	$800
JD 640 Hay Rake	$800
Ford Hay Rake, 3 pt.	$600

WE BUY USED EQUIPMENT

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

R.S. HOLLINGER & SON INC. AGRI-CULTURE DAYS®

Celebrating Our Shared Culture

Join Us For An Open House

FEBRUARY 18 & 19 - 9 A.M. to 9 P.M.

FILM • FOOD • FRIENDS

WATCH FOR DETAILS IN FEB. 16 ISSUE

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In York County Call our Salesman Charles M. Lehman 717-755-6486

NEW IDEA FARM EQUIPMENT | OMC | SUNFLOWER | LELY | RHINO by Athens & Servis | Badger | ECHO | BUSH HOG | WALSH | FOX | BRADY®

USED EQUIPMENT

IH 340 Tractor
IH 706D Tractor
IH H70D Tractor
IH 544 Tractor
IH 656D Tractor
IH 606D Tractor
IH 460 Tractor
IH 1256D Tractor
IH 1466D Tractor
IH 330 Utility Tractor
JD 1520 w/Loader
Case 400 Utility Tractor
MM U302 Tractor w/Loader
Ford 850 Tractor

OMC 1700D Skid Steer Loader
IH 2 pt. hitch 4x14 Plow
IH 531 3x14 Plow
IH 311 3x14 Plow
IH 700 4x16 Plow
IH 710 5x16 Plow
Oliver 4x16 3 pt Plow
IH 350 Disc
Oliver 10' Wheel Disc
IH 370 Disc

Oliver 13x7 Drill, steel wheels
Ontario 14x7 Drill
IH 249 Planter
MF Corn Planter
IH 440 Baler w/thrower
IH 46 Baler
NH 69 Baler w/thrower
OMC 217 Windrower
IH 225 SP Windrower
Case 555 Windrower
NI 290 Windrower
Hesston 1410 12' hydro swing windrower
Brady 722 Flail Chopper
Gehl Flail Chopper
IH #8 Flail Chopper
Bearcat #72 Flail Chopper
NI 702 Tractor
NI 705 Tractor
NI 711 Platform
NI 726 Husking Bed
NI 720 2R Corn Head

JOHN DEERE
1209 WINDROWER
NICE

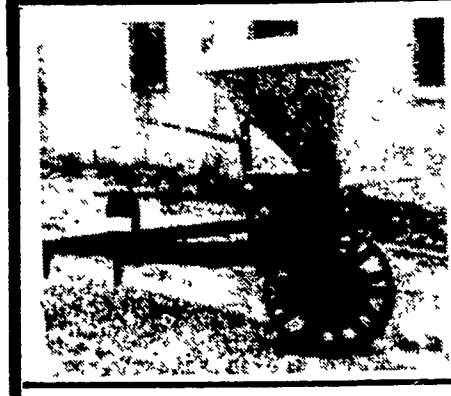
NI 713 Platform
NI 723 2R Head
NI 725 3RN Head
NI 731 4R Corn Head
NI 762 2R Corn Head
NI 744 N & 744W Corn Heads
NI 710 Combine
NI 717 Combine
NI 760 Fg. Harvester
NI 729 A Sheller
AC #60 Corn Planter
IH 7 10' Fert Spreader
Papec Grinder Mixer
NI 214 Spreder
NH 518 Spreader
Badger BN 960 Fg. Wagon
Coby 5000 Fg Wagon
Gehl 83 Forage Wagon
Grove Fg Wagon
IH 2000 Loader
Mulky 28' Elevator
NH 30' Elevator
18x55 Fickes Silo w/unloader
IH 129 Cadet w/mower & rototiller

COMING **OPEN HOUSE - Feb. 25 thru 29**
★ Watch For Details ★

2% Cash Discount on All Parts
The Place to Buy New & Used Equipment
CHAMBERSBURG FARM SERVICE, INC.
975 S. Main St., Chambersburg, PA
Phone: 717-264-3533

ZOOK'S FARM STORE

R.D. #2, HONEY BROOK
1 mile West of Honey Brook on Rt. 322 then North on Reservoir Rd.
Call 215-273-2943



Ground Drive Vicon Fertilizer Spreaders
30 & 45 ft. Spreading Width
900 & 1400 lb. Capcaity

Also - 3 pt. PTO Driven Units in Stock

NEW McCONNEL SPRING TOOTH HARROWS

8 - 10 & 12 Ft. Models in Stock

Replacable points and Runners

Call Us For A Bedding Chopper Demonstration
Gasoline - Electric and Rechargeable
Battery Powered Units Ready To Go

WHITE Farm Equipment | bobcat | SPERRY NEW HOLLAND

USED EQUIPMENT

TRACTORS

Oliver Super 88 Gas
Oliver Super 77 Diesel
IHC "H"
IHC 656

COMBINES & CORN PICKERS

JD 227 Picker
Oliver No. 5 1-Row
Oliver 535 with 13' grainhead and 4 row corn

TILLAGE - PLANTING

Oliver 365 CT 3-16 Mtd. Plow
Oliver 312 3 pt. 2-Row Planter
White 5400 Planter
Brillion 10' 2-Row Cultipacker
IHC 56 Planter
White 543 4-Row No Till

HAYTOOLS

IHC 990 Mower Conditioner
JD 1209 Mower Conditioner
NH 461 Haybine
NH 469 Haybine
NH 479 Haybine
NH 1469 Self Propelled Haybine
NH 275 Baler w/Thrower

FORAGE TOOLS

NH No. 7 Forage Box
NH 770 2-Row & Pickup
NH 880 R2 2-Row Head
NH 717 Harvester w/1-Row
IHC 350 Harvester w/1-Row & Pickup
IHC 650 w/2-Row & Pickup

SPREADERS

NI 213 3-Beater
NI 214 with Hyd. End Gate
NH 518 with Hyd. End Gate
NH 346 Tank, LH

NEW EQUIPMENT IN STOCK

WHITE
2-30 4 Wheel Drive
2-35 Tractor
2-45 Tractor
2-70 Tractor
2-85 Tractor
2-105 Tractor
2-135 Tractor

WHITE
543 6R Planter No Till
5400 4R Planter No Till
5400 6R Planter No Till

WHITE
348 - CT & SAR Plow
508 SAR 4-B Plow

WHITE 251 10'4" disc
WHITE 254 10'4" disc
WHITE 256 12'6" disc
WHITE 458 Chisel Plow
WHITE 466 Chisel Plow
N.H. 310, 315 & 320Balers
N.H. 256 - 258 Rakes
N.H. 707, 718, 782, 892 Harvesters
N.H. 8 Forage Box
NH Spreaders — 328, 513, 519, 679 & 800
Vicon 3 pt. Fert Spreader
Moridge 275 Bu Grain Dryer

NEW MACHINERY SPECIALS

White 251 10'4" Disc	$1,925
New Holland 371 tank spreader, used tires, auto-fold down panel, hydraulic lid opener, 331 cu ft	$4,995

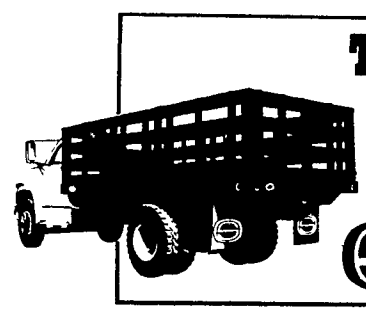
ALL EQUIPMENT LISTED F O B HONEY GROVE
NO TRADE INS -

DUNHAM - BRILLION - LAMCO - BOBCAT -

NORMAN D. CLARK & SON
Honey Grove, PA 17035 - Phone 717-734-3682
Located 14 Miles South Port Royal on Rt. 75

DISTRIBUTOR OF CENTRAL TRACTOR PARTS CO.

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT



Tough, Dependable City Stake Bodies

Omaha Standard

FARMERSVILLE EQUIPMENT INC. Ph. 717-354-4271

AUTHORIZED

SPERRY NEW HOLLAND

PARTS and SERVICE

Front mounted 7' Snow Blower, like new condition, $1995.00. Fits JD 3010, 3020, 4010 or 4020 tractors.

Paul Shover's Inc.

Loysville, PA

717-789-3117

FOR SALE

JD 6600 combine with 4 row 30" corn head, 13 ft. grain head, good condition $17,500

MF 510 combine with 13 ft. grain head good condition $9,500

Dion forage wagon $700

with running gears $900

Badger silo unloader Model 2400 for 12' silo, very good condition.... $1200

717-548-2184

MESSICK FARM EQUIPMENT

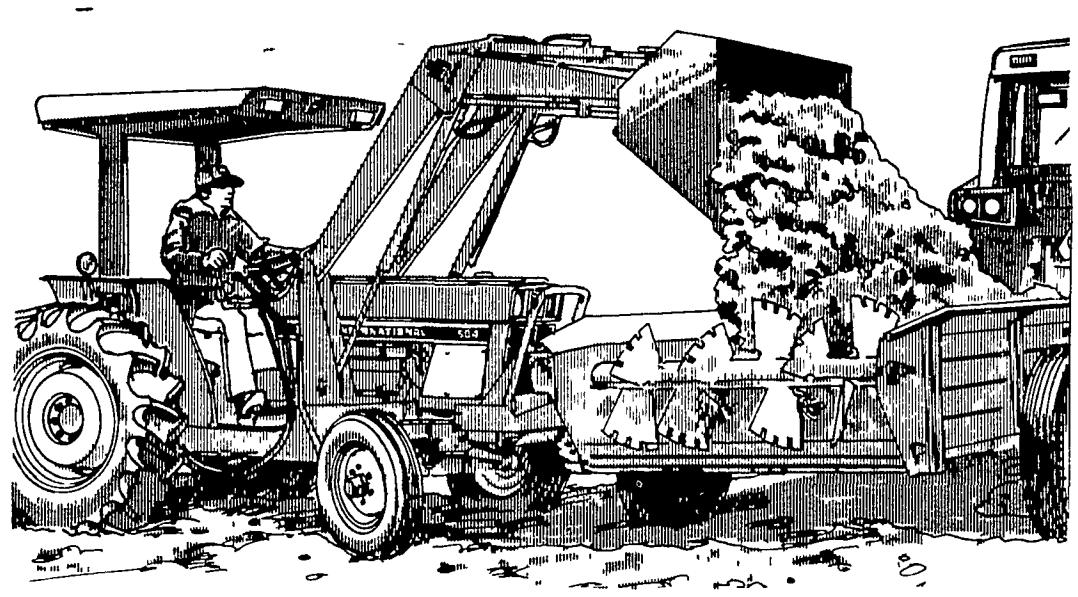
PLAN NOW TO ATTEND

OPEN HOUSE

FEBRUARY 13 - 14 - 15 - 16

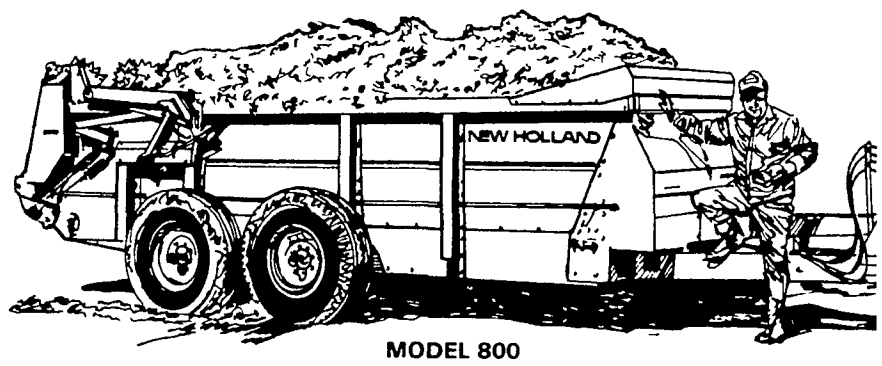
★ *See Next Weeks Issue For More Details!*

INTERNATIONAL® 584 TRACTOR with 2250 Quick ATTACH LOADER



Low-cost Way to Move Mountains Of Material!

A GIANT SPREADER FROM THE SPREADER GIANTS



MODEL 800

Think of the time and trouble you'll save with this giant spreader working for you.

- The largest pull-type spreader on the market
- ASAE rated at 570 cu ft heaped volume
- Hauls up to 14 tons per load
- Extra-long hitch accommodates large tractors
- Double apron is driven by a worm gearbox
- Patented beater design creates an extra-uniform spread
- Factory installed brakes are available

USED L778 DIESEL SKID LOADER - EXCELLENT CONDITION

IH 1486 D TRACTOR 660 HOURS

★ **YOUR FULL SERVICE DEALER**

★ **WAIVER OF FINANCE ON MOST EQUIPMENT**

PRE-SEASON HAY AND FORAGE SPECIALS

Check with us for your best deal, Plus get a rebate check from $40 to $3,000 on NEW HOLLAND Equipment.

MESSICK FARM EQUIPMENT, INC.

RHEEMS EXIT - RT. 283, ELIZABETHTOWN, PA

PHONE: 717-367-1319, 653-8867

M. DALE HERR — HOME 665-2718 WARREN SPICKLER — HOME 653-4560

SPERRY NEW HOLLAND

INTERNATIONAL® AGRICULTURAL EQUIPMENT

USED TRACTORS

Farmall 766D, Tricycle	13,500
IH 674 G, recond & paint.	8,250
Farmall 300	1,850
Farmall M	1,350
IH 656 gas hydro utility w/2000 loader	8,500

PLOWS & TILLAGE

IH 510 6-16" plow (new)	3,950
IH 540 4-16" plow	1,450
IH 411 4-16" 2 pt. plow	675
IH 510 5-18"	2,200
IH 550 5-16"	1,700
AC 3 pt. 3-16"	450
MF 3 pt. 10' disc.	600
Pittsburgh 12' disc	1,750
JD transport 12' disc	600
IH 37 transport 9' disc	600
JD 12' harrow	175
Brillion 10' cultipacker	450
Pitts. 12' disc.	1,750
JD 10' packer mulcher	900

USED PLANTING EQUIPMENT

IH 455 4R planter	1,000
JD 494 4R.	950
JD 494A 4R	1,200
MM 4R planter	700
Ford 311 4R planter	1,150
Oliver 76 SD drill	1,600

MISCELLANEOUS EQUIPMENT

Kelley loader w/bkt	650
IH 175 spreader	950
IH 155 Spreader	900
JD 760 tub spreader	1,000
NH 328 w/upper beater	1,400
Ford 170 bu.	900
Several used Hawk Bilt spreaders	as is 450

USED HAY & FORAGE EQUIPMENT

IH 1300 3 pt. mower (like new)	1,250
NH 479 haybine, 9'	2,450
IH 990 mower cond., 9'	2,600
Hesston model PT10 mower cond., 9'	1,950
NI 290 mower cond., 9'	1,650
IH 430 all twine w/wide pickup & thro.	3,850
IH 27 baler w/thro	1,875
IH 8 6' flail chopper	1,500
IH 650 harv. w/2 hds	3,300
IH 550 harv. w/2 hds.	2,950
NH 818 harv w/2 hds	800
Fox 546 Harv w/1R hd & pickup	1,650
Gehl FH84 harv w/1R hd. & pickup	600
Gehl FB88 blower.	950
NH forage box & chassis	1,500

MIFFLINBURG FARM SUPPLY, INC.

East Chestnut St., Mifflinburg, PA 17844

Phone: (717) 966-3114

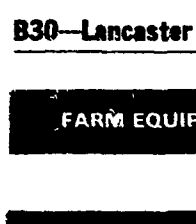
FARM EQUIPMENT

FARM EQUIPMENT

SPECIAL OF THE WEEK
BADGER 205 MANURE SPREADER w/LIQUID END GATE
List Price $3995
DEMO PRICE **$2950.00**

EQUIPMENT FOR SALE OR LEASE

BADGER
3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel Manure Speader
Forage Wagons
Forage Blowers
Persuader Pump agitator for Lagoons
Handy High Pressure Washers
Oswalt Mix Wagons
Also:
Registered Holstein Bulls



SHOW-EASE STALL CO.
573 Willow Rd. Lancaster, Pa.
Ph: 717-299-2536

M & R EQUIPMENT, INC.
New Park, PA
4 mi. S. of Stewartstown, PA
Ph: 717-993-2511
- Red Lion, York, Brogue, Loganville -
Ph: 246-1972
Residence 301-452-8693 after 6 P.M.

DON'T MISS OUR ANNUAL

OPEN AGRI-CULTURE DAYS® HOUSE

FEBRUARY 13, 14 & 15
8:00 A.M. - 4:00 P.M.

ALL 3 DAYS
Discounts & Deals
Refreshments
Displays
Big Discounts on selected tillage parts EX 463252 R1 share
Reg $10.85
Sale $7.40
Qty's are Limited

FRIDAY
Door Prizes
Lunch
Films
Special Programs
Factory Rep's on Hand

ENERGY SEMINAR-1:00 P.M. FRIDAY
Topics: Alcohol For Farm Use?
Conserving Energy on the Farm
PLAN NOW TO ATTEND!

NEW EQUIPMENT

(1) 986 w/cab, air, diff lock
686 D
(1) 584 D row crop
(2) 484 D utility
490 disc, self-leveling wing type, 21'
475 disc, 13'10"
475 disc, 17'5"
720 plow, 5x20"
720 plow, 5x18"
(2) 435 balers
510 plow, 4x16", semi mtd
510 plow, 3x16, semi mtd
110 F boxes w/tandem gear
510 drill, 18x7 combination
55 10' trailing chisel
4500 Vibra Shanks
6010 Conser Till
(3) 5500 chisel plows, 7', mtd
5500 chisel plow, 13', mtd

Complete line of IH 2250 Loaders
Many New Cub Cadets At Old Prices!

USED EQUIPMENT

Farmall 706 D overhauled
Farmall Cub w/disc, mower & harrow
Leyland 154 30 h p , like new
815 combine w/4 row corn head & new grain head
JD 12' disc harrow, new blades
Pittsburg 10 disc harrow
MF 4 row planter nice
IH 456 planter 4 row
Several 2 row planters
IH 2400A Industrial diesel tractor w/6 way blade ideal for snow

FARM EQUIPMENT

FARM EQUIPMENT

Repossed - Used Very Little
Waiver of Finance Until May

	List	Sale
JD 567 Rake	$1930	$1575
JD 510 round baler	8695	6600

AUKER-ENA EQUIPMENT, INC.
Oakland Mills, PA 17067
717-463-3511 436-2235

VERMEER
TRIPLE H FARMS
Peach Bottom, Pa.
717-548-2640 or
717-548-2094

New Vermeer Balers and Scraper Blades.
Bale On Rollers.
New Vicon Power Harrows, Mower Conditioners and Rakes.

USED EQUIPMENT
(1) Vermeer 605 E Baler
(2) Vermeer 605 D Balers
(1) Vicon KM 240 Mower Conditioner
(1) 8 Wheel Vicon V Rake

(SPECIALS) on corn equipment, combines, corn heads and pickers, see or call us before you buy.

Used Combines - on our lot. Gleaner F2 diesel, cab, air, grain saver, used 200 hrs. w/grain and 430 corn head. White 8600 hydra D w/grain and 4 row corn (real nice) White 8800 Hydra D w/grain and 4 row corn head (real sharp). 76 Int. 715 diesel w/844 corn head and 810 grain head. Int. 715 gas w/844 corn and 810 grain head. JD 7700 D w/air, grain head and 643 corn head. Oliver 525 w/cab, grain, 522 corn head. 1973 John Deere 6600 diesel w/2 heads (clean), MF. 760 diesel hydra with grain and 6 row corn head. Case 660 w/cab and 10 ft. grain. Int. 915 diesel w/grain and corn head; MF 300 combine w/cab and grain, Int. 82 Pull Type (clean). Gleaner E III w/cab, grain and 330 corn.

(2) New JD 4440 cab, air, power shift, full weights and 3 pt. quick hitch fully equip; JD 3010D, (SOLD)JD 620, Ford 5000 diesel.

JD 4430 C.A. QR, 4010, 1969 JD 3020

(Just Arrived) New J.D. 4440 w/front (SOLD)whl. drive, new JD 4240 cab, (SOLD)air, JD 4240 w/air used 160 hrs., JD 4240 w/air, (SOLD)used 220 hrs., JD 4040 4 post QR w/160 hrs. New 2840, new Ford 8700 w/cab, air, radio 20:8x38 tires and full wts. (new) White 2-105 w/cab; used JD 4520 w/cab & air; 1970 J.D. 4020 w/roll guard, cab; 1970 JD 4020 w/roll guard; 4020 Tri D., 630 nice, Farmalls 686 w/300 hrs., 666 w/cab & air, 574. MF 1085 used 275 hrs. 1080, AC 185 diesel used 200 hrs., AC 170 w/loader, D 17 diesel.

Just received - New J.D. 4240 C.A. QR, used JD 4020 P.S. & JD 5x16 semi-plow. Ford 4000, JD 140 w/mower, tiller and blade; N.H. 467 Haybine, like new.

Tractors & Eq. - Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; JD 4010 tri. gas; JD #1600 14 tooth chisel plow, (SOLD)Gleaner E Combine w/cab, grain and corn head; Farmall 966 Hydro extra nice, J.D. 4020 w/rollguard & dual hyd., used Farmall 986 w/rollguard - like new, J.D. 4430 cab, air, quad range, Farmall 1466 w/dual P.T.O. real nice - no cab. 1206, nice 856, Original. Farmall 856 w/new tires & new paint. A C 210D, w/new 20.8-38 tires, JD 620 w/3 pt., (SOLD)MF 85 w/loader. Farmall 706 diesel w/310 motor, (New) NH Direct cut head for 770, Int #700 - 6x trip plow. 1978 Farmall 1586 w/cab fully eq w/duals, used 400 hrs like new. Int. 4166 four wheel drive w/cab & 3 pt. (SOLD)$12,800. Farmall 1256 original $9800. 2 Farmall 856 w/no TA $6800 ea. 560 Gas w/F.H. AC 220 w/cab & air, 1 local owner, original for $10,500, 1968 JD 3020 Power Shift.

Just arrived. New JD 4840 w/Duals, new 4440 C.A. QR; New 4240 4 post QR, used 4240, C.A. like (SOLD)new, Used JD 4630 C.A. Power Shift; JD 4230, C.A. Q.R. 3010 Diesel.

Farmall 966 - one owner; 1566 w/cab, 1466 w/cab, 1026 Hydro (clean), Farmall 656 gas (as is) $2475.00, Coming In - Farmall 666.

Combines: Used JD 4400 gas w/cab, grain & 2 row corn head, needs motor work. Used late Model Gleaner K w/cab, 12 ft. grain, K238 C.H. Gleaner K w/cab, 10 ft. grain, K240 corn head Price $7900.00.

New Idea 702 Diesel w/cab, 729A sheller & 4 row corn head, Gleaner K330 corn head, Case 830 C.K. gas, J.D. 2510 gas, J.D. 4320, Farmall 656 Hyd. gas, 756 gas. (Tractors) 2 Used 4430 w/Q.R. Farmall 544 utility gas, 806 tri. diesel, 560, 460.

Farmall 1566 black stripe w/cab; 966 black stripe w/roll guard, 1066, (SOLD) Farmall 806D original, JD 7x plow on-land-hitch, Int. 3 pt. Vibra shank field cult., Int. 843 corn head, like new, (New) Eq. at Discount Prices. Following are all (new) & reduced to sell: (New) Int. 445 baler $3975. Gehl 1090 haybines $4495. J.D. 244 corn head $2575. New Hesston 1010 Hydra Swing Haybine $4850; New M.F. 44 Cornhead $6300.00, Int. 3 pt. 4-row rolling cult. (All above are new machines). Used Tractors: 856 w/front wheel drive, 1206 w/front wheel drive, Farmall Hi Crop-Hi Clearance 666 diesel, 656 diesel, 756 gas, 300 gas, JD.2010 gas, J.D. 7700D. w/cab grain & corn head. N.I. 2 row 30" picker w/grinder. 1976 Chevy w/5200 miles w/14 ft. flat like new. 1970 J.D. 4020/diff. lock & dual hyd., Long 900 diesel like new, David Brown 1212, Case 1537 Skid Loader.

HARVESTERS. Holland 770 w/2 row & pick up. Fox Super 2000 w/2 row narrow & elec. sharpener. J.D. 38 Chopper w/2 row, 30" head. Int. 350 w/1-row & pickup, N.H. 880 w/2 row and pickup head, Fox I546 w/2 row narrow head and direct cutter head, NI 702 Uni gas w/chopper & corn head $5,900.00.

JOHN DEERE (New) 4640 C A P.S. Used JD 4030, 4020 D w/JD 58 Loader, 730D, 720D, (Used) 4230's, 5020 tractor puller, J.D 730 Gas, 1968 4020 power shift, JD 3020 gas w/cab; JD 170 skid loader; JD 70 Skid Loader; JD 4010D w/W.F.

FARMALLS: Farmall 656 Diesel & 656 gas Hydro. D. 766, 1456, 806, Farmall hydro 70 w/w.f. and 3 pt. $8800.00; 560 D w/F.H. & TA., M for $950.00.

CASE Used 1370 cab, air power shift w/900 hrs., 970 w/cab & Power Shift, Case 1410 powershift w/full wts., used 400 hrs. 1030, 970 w/P.S. & new tires, 1030, 830. Oliver 1950T w/over (SOLD) and under shift, 1855 w/cab, 2050, 1855, (SOLD)1800.

MASSEY FERGUSON new 1105 w/cab, 1080D. 1100, 1080, 175, 85, 135. 1970 MF 1100D. Ford 6000, 5000. M. F. 1135 w/cab.

ALLIS CHALMERS 7040 w/cab, power shift like new, 220 w/cab, 220, 210, 1968 AC XT190 for $6900, AC 180D, AC 185D w/loader.

COMBINES - M.F. 300 w/cab air, SOLD head & - three row 30" cornhead used 80 acres - like new, Massey Ferguson 510 D w/cab, Hydra. drive, quick tach grain & 44 corn head, MF 510 Diesel gear drive w/cab & Quick Tach grain & 4 row corn head. 82 w/cab. N.I. 702 Uni tractors w/combines & shellers, 729 A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads, used M.F. grain heads. (New) J.D. 215 rigid grain head

We Do Have - CORN HEADS - John Deere 443, 643, 444, 343, 344, 244, 435, 434, 335, 235, 234, 205, Massey Ferguson 44, 63, 43, 24, 222, 422, Gleaner L438, 430, F440, KL.330, KL238, E240, F335, CII 440, CII 430, Int 227, Case 402. MF 321, J.D. 335 for 55, 435N for 95. Int. used 863, 844. N.I. 3- row 30", NI 4-row 40" heads, Case 3 row 30", Case 4 row 40", 50 corn heads to pick from on our lot. Int. 843, 743, 744 corn head. M 430 Gleaner, head and 15 ft. grain head, 2-late model used MF 44 corn heads, Int. 6 row 30" for 503.

IND. EQUIPMENT - J.D. 310 loader and backhoe, JD 440 loader & backhoe, D8 Cat w/blade, Cat 955 crawler loader, Long I200 3 pt. backhoe, like new.

BALERS - (New) New Holland 315 w/thrower, Used JD 346 w/thrower, Used 275 w/thrower, 273; New Int. 445 baler, 2 - N.H. 1010 bale stock wagons. (new) N.H. 256 rakes.

CORN PICKERS - (New) New Idea 2 narrow w/super sheller, N.I , 325 w/12 roll bed. 324 w/super sheller used 20 acres, N.I. 324 w/12 roll bed, used 2 yrs., 325 narrow w/12 roll bed, used 323 one row NI 311 two row pull for $1975.00 New Idea 2 row narrow row w/12 roll beds, shellers and Super shellers, 3 row 30" pull picker with Super sheller, Shellers for mounted pickers, AC D17 w/AC #190 mtd. picker; Whetmore Grinder Blower.

HAYBINES - NH. 479, 469, New J.D. 1207, New Gehl 1090. New Hesston 1010 Hydro swing, Used Hesston PT. 10, NI 5 bar hay rake like new. New J.D. 750 Grinder Mixer fully eq. make reasonable offer.

CORN PLANTERS - (NEW) JD 7000 6 row w/Fert. auger fill (SOLD)and Monitor, JD 7000 6 row w/liquid fert. fully eq.;new, JD 6 row conservation planter; New JD 6 row 7000, (SOLD)(2) new JD 4 row 7000, used. Used JD 7000 4Row w/insect, White 6- row 30" no till fully equip. w/liquid, inst. monitor, Int. 56 4 row w/inst. White 6 row 30" no til w/dry Fert., Inst., and Monitor. New JD 8300 drill, used 8350 JD XX Disc w/grass seed like new, MF 33 grain drill.

PLOWS - J.D. and Int. 4,5,6,7 trip and resets. Oliver 5,6,7 trip and Hydraulic reset, chisel plows 3 point 10-13 ft. Glenco SS7 Soil Saver (Demo). JD 12 ft. cultimulcher. New (Demo) 14 ft. Crust Buster Hydr wing plowing Disk; Int. 480 20 ft. Wing Disk, A.C. 18 ft. & Case 18 ft. wing Disk, Pittsburgh 13-ft. disk, JD 4X roll over plow, Bush Hog 12 & 15 ft. Discs, new; 4 used Oliver 12 to 14 ft. discs. Brillion 13 ft. cultimulcher w/inside wheels, New Bush Hog & White 3 pt. 10 ft. Chisel Plows.

New White 14 ft. field cult., Brady stalk shredder. (New) Glencoe SS7-9 ft. Soil Saver $4150.00, Kawanee 22 ft. wing disk.

Planters - (Used) J.D. 1440 4 row no til plateless, 494A.

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Blade for Int. TD6 crawler. Int. 234 picker w/bed. (New) Kill Bros. gravity bins. New Kill Bros. 8 ton running, gears. Pick up heads for Int. 550, 650, also Int. 16, 350, Fox pickup head, Fox 3- row 30" corn head, Direct cut head JD 3800 & 38. JD 3 row narrow silage head, New Holland used 2 row 30" and 40" corn heads. (10) sets of dual wheels all sizes.

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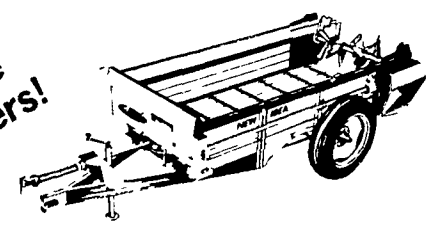

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- JD 45 w/grain head
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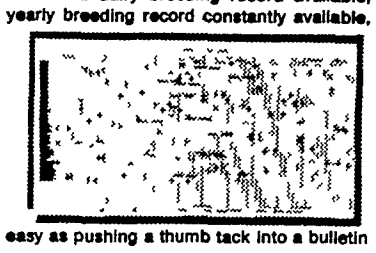

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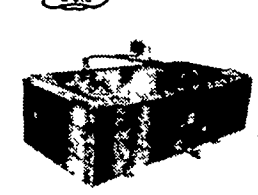

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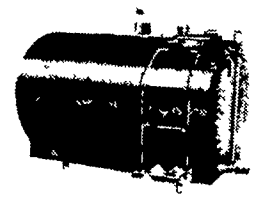

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For Sale - 3 springing Holstein heifers. Duroc open gilts. AKC Registered Collie pups, perfect Collie markings. Franklin Co. 717-328-2458.

Wanted - Herd of 40-50 young Holstein cows in milk. 814-669-9050.

For Sale - Service age bulls by Elevation. PH: 717-474-3492.

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For Sale - Large Registered Holstein heifers, will sell as they freshen, 2 fresh, 2 due soon, Jerre K. Gearhart, RR Box 472, Ringtown, PA 17967 Ph: 717-889-3082.

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For Sale - Two nice Black Angus heifers, 7 mos. & 11 mos., $675 for the pair. Call for further details 717-786-2296.

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LIVESTOCK & SUPPLIES

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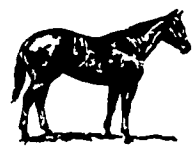

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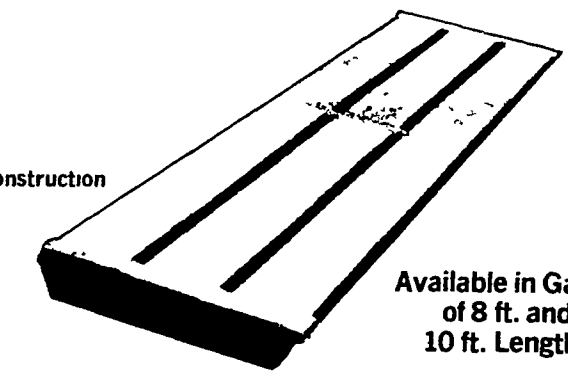

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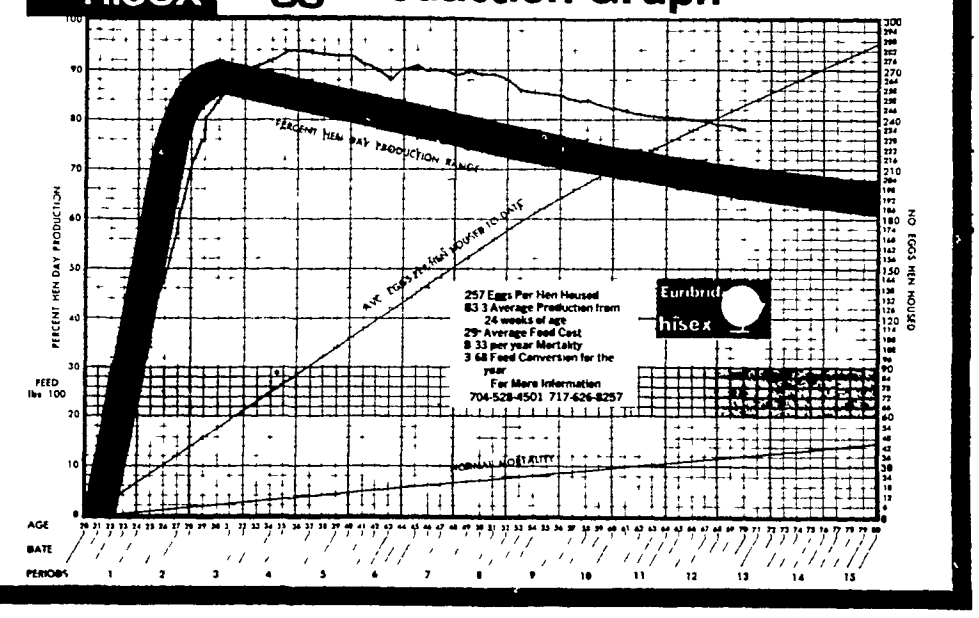

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FEED & SEED

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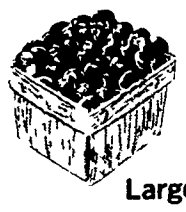

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HELP WANTED

Field Man Wanted - Excellent opportunity for young person on dairy farm, to start spring 1980, attractive salary, benefits, house available. Write Box 366 L-31 c/o Lancaster Farming, Lititz, PA 17543

Staff writer for weekly farm newspaper. Full time responsible position. Good salary and fringe benefits. Send resume to P.O. Box 366, Lititz, PA 17543.

HELP WANTED

Person for helping in seed business, full time, farm background helpful, Lebanon area. 717-272-8943.

Experienced help wanted on poultry, potato, hay and grain operation in Lehigh County. Heidel Hollow Farm, Inc. 215-767-1408 evenings.

Need Help, cows and or capital. Have new 12 unit parlor, 50 cows, 75 free stalls. Kencove Farms, RD1, Blairsville, Pa. 15717

HELP WANTED

Working herdsman for modern free stall and milking parlor. Must have experience and references. Top pay and usual benefits available. Send resume to Harmony Dale Farms, RD2, Box 331, Phillipsburg, N.J. 08865.

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(215) 362-2795

Milking herdsman for modern dairy farm, herringbone parlor, 5½ day week, pleasant 2 bedroom apt., salary negotiable, depending on experience, interest in cows and desire for permanent position. Write with qualifications to Gaymere Farms, 5450 Stamy Hill Rd., Waynesboro, PA 17268.

Excellent opportunity for person wanting to buy 18,000 lb. herd and rent modern barn facilities in spring 1980, owner finance, house available, Chester Co. 215-932-8999.

Herdsman Wanted for 80 cow herd with 18,000M Average, modern tie stall pipeline, barn, percentage of milk check, house available Chester Co. 215-932-8999.

Someone to repair flat wooden roof of 18x60 silo, must have own insurances, 717-724-3012 bus., 724-1045 res.

Help Wanted - Reliable Christian person to work on dairy farm, must have experience and desire to work with cows. Housing available along with other benefits. 717-898-6000.

Farm Family to work on a potato and beef cattle farm, 2 bedroom home with conveniences. 4 miles west of Lancaster, 717-872-7391.

Need mature responsible housekeeper, live in, ill mother, child 14, husband, salary. Evenings. 717-397-6984.

Person experienced in operating & maintenance of equipment on crop farm. Housing & benefits available John A. Johnson & Sons, Rt. 2, Orefield, Pa 18069. 215-395-2927.

HELP WANTED

Commercial feed mill operator, growth oriented company has immediate need for experienced commercial feed mill operator, must have working knowledge of all phases of operation. Farm experience a plus but not required. Company offers good starting salary and a comprehensive fringe benefit package which includes Blue Cross, Blue Shield, life and disability insurance and a profit sharing plan. Call 215-267-4921 Dutchland Lab, Inc., Swamp Bridge Rd., Denver, PA 17517. Equal Opportunity Employer.

Herdsman for Registered Holsteins, 60 cows, freestall & parlor, 3 bedroom house in Kent Co., MD. Joseph Smith 301-928-3655.

WANTED:
Experienced Milker. Good Salary with House Tel: 717-696-1776 Call Collect. Hillside Farms, R7, Box 40, Shavertown 18708.

Experienced Herdsman for registered beef operation. Some field work. House, utilities, Blue Cross & Shield, Life Insurance & paid vacation. Call Don Homer 914-631-1154.

Experienced person to work for farmer/cattle dealer, working with dairy cattle and general farming, also some truck driving, house available for small family. Lancaster Co. 717-653-5408.

Christian herdsman for 65 registered cow herd, must be experienced, references required, insentive pay for extra effort, all inquiries held in confidence. 215-932-9762.

Person to work full time on dairy farm doing work of milking, calf raising, field work, mechanical work etc. Prefer young person to live in. Must have references & experience. 717-898-7689.

Installer/service for dairy eq., some elec. - plumbing knowledge desired, will train, travel involved, NJ, DE. Jone's Svc. 609-261-5346.

Experienced truck driver, local, Philadelphia & NJ. 717-653-1765.

Wanted - Man experienced in Vegetable & Fruit farming. PH: 609-561-5058.

Truck, tractor, combine operators for grain harvest, new JD combines, farm machinery experience, male or female, must be dependable, good pay & room Wages negotiable, 6 mos. work, references. John Voigt, South Haven, Kansas 67140 316-326-5255.

FARM COUPLE
80 to 90 cows, starting April 1 in Harford Co., MD. Prefer couple where wife can milk P.M. with husband. Double 6 parlor, freestalls. Every other weekend off. House in a nice community. Only reliable applicants knowledgeable in modern dairying & herd health need apply. Dairy references required. Write to P.O. Box 366 J-118, c/o Lancaster Farming, Lititz, Pa. 17543.

WORKING MANAGER
Person w/experience working w/livestock to manage large breeding operation of small animals. (Hampsters, Gerbils, Guinea pigs, mice, etc.) Good pay, benefits, apply in person.
NOLTS POND INC.
5 miles West of Lancaster at Silver Spring

HELP WANTED

Young Christian married person for modern dairy farm with a progressive herd. House, utilities, etc. provided. Lancaster Co. Start March 1st. Three references. Write Box 366 L-81, c/o Lancaster Farming, Lititz, Pa. 17543.

WANTED
Assistant Herdsman to work on 90 cow operation Southern York Co. House available with usual benefits.
For Appointment Call
301-996-2165
between 12:30
& 1:30 P.M.
717-993-6957
after 7 P.M.

SITUATIONS WANTED

Would like to answer phone calls in my home for businesses from 3 p.m. to 9 p.m. Call 301-398-7023.

30 yr. old dairy farmer selling herd and equipment in February desires employment in Ag. related business, born and raised on farm, operated farm on own past 13 yrs., reliable, willing to work, married, 2 children, Call after 5 p.m. 215-383-4285.

BUSINESS OPPORTUNITIES

Special meeting to be held Thursday evening at 7 p.m., February 21, 1980 at the Host Farm, Rt. 30, Lancaster, Penna.

You will be able to learn about a business that will earn attractive profits with modest investment.

Get in on the ground floor of a new system for growing tomatoes, cucumbers, lettuce and other crops in liquid nutrients - year 'round. Learn how to get started, and how to make money quickly.

The system includes full plans, materials, instructions, and supplies.

Investigate this interesting and profitable business opportunity. You'll be glad you did.

HYDROPONIC CONSULTANTS INC.
Box 809
Valley Forge, PA 19481

HELP WANTED

Wanted - Manager-Operator for beef feeding operation. Would be responsible for all phases of the operation. Hope to develope into some type of joint venture or shares arrangement. Harford Co., MD. 301-836-3782 evenings.

BUSINESS OPPORTUNITIES

AMS/OIL the quiet leader in Syn Lub. needs dealers, Part-time & full-time, no investment. 717-872-7324.

Sell Animal Health Products Farm to Farm, must have dairy farm background, Guaranteed salary, plus commission and benefits. Animal Medic 717-266-5611.

Dealers Needed. Preferably established wood stove businesses. Sell the Village Wood Splitter. No hydraulics involved. Priced for the average home owner $440.00. Call for details 215-932-5564.

Dealer Inquiries Invited - Leyden Energy fireplace inserts, Dominion stoves & fireplace insert, Cunningham stove & furnaces, Memco wood boiler. Write or call Penndel Hearth & Home, 123 Pennsylvania Ave., Avondale, Pa. 19311 215-268-8222.

Wanted - Someone to share in hay and cattle business. Write box 366 R-70 Lancaster Farming, Lititz, PA 17543.

TRUCKS

One International L196 series C & C 2 speed transmission, air, motor shot, 717-866-2702 Lebanon Co.

For Sale - 1961 Studebaker truck with 1550 gal. fuel tank & pump, PS, good tires. Ideal for fuel, liquid fertilizer & manure, $600. Lancaster Co 717-859-3118.

For Sale - 8'x16' stake truck - steel dump body, 8' x 16' heavy duty all steel dump body with 3½' fixed sides. Delivery available. Schuylkill 717-345-4109.

For Sale - 68 Chev. series 80 COE 427 5-2, air brakes, 21 ft. flat bed, needs work, make offer Juniata Co 717-734-3619.

For Sale - '74 Ford pickup, F250 Model. Good condition, $1600. PH: 717-532-8601.

For Sale - 1963 B-61 Mack single axle truck, recently overhauled engine, $3500 or best offer Also 2 flatbed trailers with grain sides, 32' & 36' length, asking $2000 ea. 717-249-8451.

Wanted to buy - Trucks, gas or diesel, running or dead, 215-944-9871.

TRUCKS

Energy Hyd. truck hoist Sales & Service, Anderson's Repair Shop, Rd 1, Felton, PA 717-244-2039.

TRUCKS

Wanted - Older single axle road tractor, must run/ must be cheap, Chester Co. 215-827-7819.

For Sale - 1970 Chevrolet Colonial 5000 Series, 26,000 lbs. tag. Needs some work. Call 717-786-2728 Mon. thru Fri. 7 to 4.

1961 Mack 5 compartment bulk feed truck, 48,000 lb. gross. Sprout Waldron Airlock, $4000. 717-653-1765.

Wanted - Drop deck trailer, any condition. 814-793-4293.

For Sale - Cattle sides to fit 12 ft. stake body truck, very good condition, 2 loading ramps, side and back, complete ready to go. 717-469-0782 Dauphin Co.

For Sale - Ford C-600 tilt cab truck with 22 ft. roll-back machinery bed and winch, good condition $5995. 717-548-2559.

For Sale - 1970 C-50 Chevy truck with 18' aluminum van body, mechanically very sound, no cancer, inspected, ready to use, asking $2950. 717-943-2975.

For Sale - Chevrolet lime & fertilizer spreader truck, 33,000 GVW, excellent condition. 717-624-8124.

'68 26' steco dump trailer, 54" sides, coal chute, good tires, good condition $6900 firm. 215-257-5986.

1977 Dodge Ramcharger, special addition, Tiempo radials, 360 V8 Auto, low mileage, PS, PB, radio, air, 35 gal. gas tank, A-1 condition, good on gas $5,500. Daytime 717-354-4988, evenings 215-445-7419.

For Sale - 21 ft. aluminum van body, good condition, $1000. 814-364-1349.

For Sale - 1969 Strick Van trailer 44', 13'6", 6" drop floor, alum. bud wheels, 11 x 22 x 5 rubber, 80%, good condition. 1973 Trail Mobile refer Thermo-King unit, 45', 13'6", very good condition, 10:00 x 22" rubber, 60%. 301-933-4349. Silver Spring, MD

For Sale - 16' steel & wood flat bed heavy duty, 16' aluminum and wood grain body with or without, hoist or truck. 65 Int. twin screw 73 engine 345 V8 40,000 GVW, cab needs paint and body work. 717-786-1882 after 7 P.M.

For Sale - 1964 Ford 600, 8½ ft. stone dump truck, 21,000 lb. gross, 292 engine 4+2 trans., running condition $1200 or best offer, also 1966 Ford 600 16 ft. flat bed, 21,000 gross, 330 engine, 4+2 trans. running condition $1000 or best offer, Juniata Co. 717-463-3547.

1971 Ford LN700 w/10' fertilizer spreader, New engine $8,000.00
1969 Ford F350 w/Morrison utility body..... $1,495.00
1967 Ford F-600 cab & chassis. $800.00

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Rt. 100, Eagle, PA 19480
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TRUCKS

For Sale - Bulk feed truck, 1973 65 series Chev., with 15 ton body, excellent condition, 302-856-3121.

For Sale - ¾ ton 66 Dodge pickup dump. Equipped with energy hoist. F. P. Spatz & Sons Hydraulic, RD 1, Pine Grove, Pa. 17963 717-345-4020.

For Sale - 1971 IH loadstar 1600, 20' stake body, 2 speed rear. 215-377-4549.

AUTOMOBILES

For Sale - 1974 Ford Mustang II, Mach I hatch back, V6, 4 speed, air, PS, PB, new paint, approx. 65,000 original miles $2600, 215-327-0417.

TRUCKS

TRUCKS

$ $ SAVE $ $
JUST ARRIVED
Aspens, 1979 & 1978, 6 & 8 cylinder, 2 door, 4 door & wagons, some with air, low mileage - 10,000-12,000. Free factory extended warranty on most, Auto., PS, vinyl top or 2 tone.
Special Deal on left over
79 Pickups till February 15
WE HAVE OMNI & COLT FRONT WHEEL DRIVES IN STOCK
New Winter Hours - 8-8 Weekdays, 8-4 Saturdays
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JACK WILL PAY YOU 10¢ A MILE* TO COME IN FOR A TEST DRIVE

That's right, to help you with the cost of gasoline, Jack will pay you for mileage from your home to our showroom at the rate of 10¢ a mile ... so a test drive now costs you nothing.

*Up to $20

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FANTASTIC BUYS ON '79 FOUR WHEEL DRIVE DODGES

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$6755*
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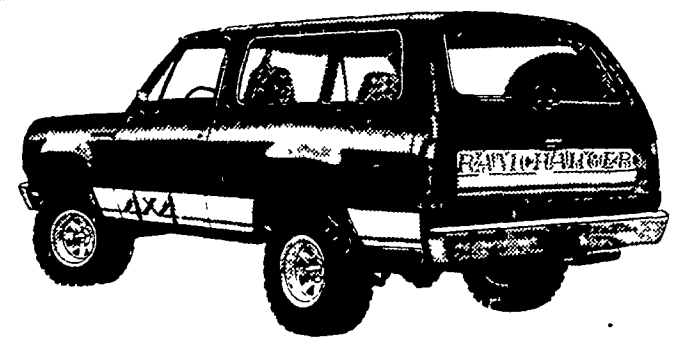
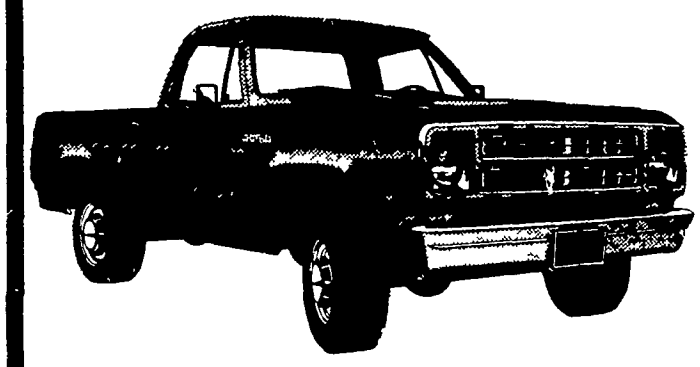
YOUR COST $6055*



BRAND NEW 1979 DODGE RAMCHARGER. Automatic V 8 59 amp battery 6 passenger seating quad headlamps power steering 7 00x15 eight ply mud and snow tires Light green metallic

A FEW OTHER RAMCHARGERS AVAILABLE AT SIMILAR LOW PRICES ACCORDING TO EQUIPMENT



Stock No. 90419
$7556*
Less Rebate $ 700
YOUR COST $6856*

BRAND NEW 1979 DODGE W-150 FOUR WHEEL DRIVE SNO-FITER. V 8 automatic transmission cooler in creased cooling deluxe high output heater low mount mirrors (bright) rear step bumper clearance and ID lights plow lights power steering quad headlamps Snow Commander package power angling blade (up down left right)

5 MORE SNO-FITERS PRICED ACCORDING TO EQUIPMENT

Stock No 90744
BRAND NEW 1979 DODGE W-150 FOUR WHEEL DRIVE POWER WAGON. V 8 radio rear step bumper quad headlamps power steering HR78x15 white sidewall radial tires Palomino feature package 6050 GVW package Prospector package
$6750*
Less Rebate $ 700
YOUR COST $6050*

Stock No 90035
BRAND NEW 1979 DODGE W-200 FOUR WHEEL DRIVE PICKUP. V 8 automatic quad headlamps spare wheel power steering 8400 lb GVW package mud and snow tires
$6531*
Less Rebate $ 700
YOUR COST $5831*

A FEW MORE FOUR WHEEL DRIVE MODELS ARE AVAILABLE AT FANTASTIC LOW PRICES - SOME CLUB CAB MODELS IN STOCK
*License Fees, Taxes and Freight Not Included.
*Freight on all advertised models is $288

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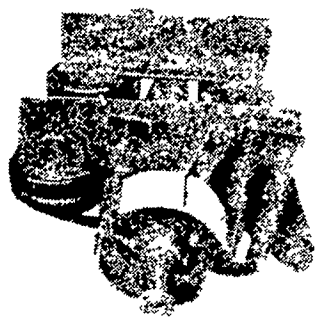
detroit CONNECTION

TRUCKS

TRUCKS

HAVING WEIGHT PROBLEMS?



CLS 9500
An industry "Workhorse", this system can be produced with two different axle configuratıcns... for pusher as well as tag applications.

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4 x 4's!
Compare These Prices...

1979 Jeep CJ7, with Levi Package, V8, Auto., PS, PB, Tilt Wheel..... **$6495**
1979 Blazer, V8, 4 Speed, PS, PB, 31 Gal. Fuel Tank, Lockout Hubs, 500 Miles .. **$6995**
1979 Blazer, 6 Cyl., Straight Shift, PS, PB, Lockout Hubs, 31 Gal. Fuel Tank.. **$6295**
1978 Blazer, V8, Auto., PS, PB **$6495**
1978 Ford 150 Pickup, with Cap, V8, Auto., PS, PB, Lockout Hubs..... **$6995**
1978 Bronco, V8, Auto., PS, PB, Lockout Hubs..... **$6995**
1978 Ford ¾ Ton Pickup, V8, 4 Speed, PS, PB, Lockout Hubs..... **$6595**
1977 Dodge ¾ Ton Club Cab, with Plow, V8, Auto., PS, PB **$5895**
1977 Ford Step Side Pickup, V8, Auto., PS, PB, Air Cond., Stereo, Lockout Hubs .. **$6295**
1977 Chevy Silverado Pickup, V8, Auto., PS, PB, Air Cond., Tilt Wheel **$5995**
1976 Chevy Pickup, V8, Auto., PS, PB .. **$4495**
1976 Blazer, V8, Auto., PS, PB **$5495**
1975 Chevy Pickup, V8, Auto., PS, PB .. **$4495**
1975 Blazer, V8, Auto., PS, PB, Air Cond., Tilt Wheel, Cheyenne Package..... **$4995**
1975 Blazer, with Power Angle Plow, V8, Auto., PS, PB **$5495**

24 REGULAR PICKUPS TO CHOOSE FROM!

MIKE RHODES & CO.
Rt. 663 & Swamp Pike, Gilbertsville, Pa.
(215) 327-1380
or toll free 800-362-7655

TRUCKS

For Sale - Used IH truck with John Blue bulk spreader. 301-452-5252.

TRUCKS

J.R. Opp Co. Custom Truck bodies. R1, Muncy, PA Ph: 717-546-3397.

NOTICE

NOTICE

FIELD RENT BIDS

Sealed bids will be received until, and will be publicly opened at 2:00 P.M., Tuesday, February 19, 1980 for field rental of good farm land at the following sites.

Willow Street Vo-Tech School - Approximately 41 acres

Brownstown Vo-Tech School - Approximately 42 acres.

Bid forms may be obtained from the following:

Mr. Irvin Shelly, Principal Brownstown Vo-Tech School, Snyder & Metzler Roads, Brownstown, Pa., 17508 Phone (717) 665-7700 (For Brownstown Property)

Mr. John Riddell, Principal Willow Street Vo-Tech School, 1730 Hans Herr Drive, Willow Street, Pa. 17584 Phone (717) 464-2771 (For Willow Street Property)

Or Mr. Thomas Bigler, Assistant Business Manager, Lancaster County Vo-Tech Schools, 1730 Hans Herr Drive, Willow Street, Pa. 17584 Phone (717) 464-2771 (For Both Properties)

Area Vocational-Technical
Board for Lancaster County

HOUSEHOLD GOODS

For Sale - Maytag wringer washer in good condition. Whirlpool refrigerator, avocado color, good condition, Kalamazoo cook stove with warming closet in good condition. 717-367-6919 eves

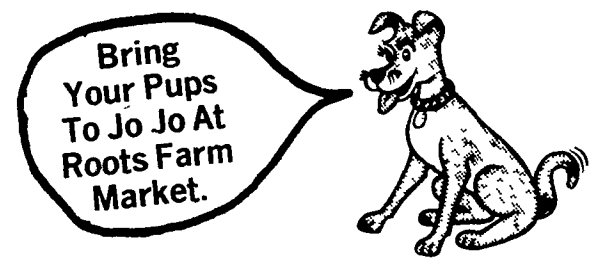
For Sale - Kenmore sewing machine with cabinet, good condition $75; Pine corner cupboard, excellent condition $225; 45 watt Zenith console stereo $250; GE Refrig. 15 cu. ft., 1 yr. old, harvest gold, $225, 717-244-6114.

PETS

WANTED TO BUY

Puppies, 7 to 9 weeks old, in litter lots. Pure breeds and half breeds. Cash money paid. Will pickup every Wednesday. For resale in my pet shop. Write to Charles Hackett, 3743 N. 5th Street, Philadelphia, PA. 19140 or call before 7 p.m. Mon., Tues. & Thurs. only 215-229-0449, Give breed-age-color when writing. Also some kind of direction. Thank you.

PETS



CASH FOR PUPS

I need Purebred and extra cute mixed litter lots, 6 to 8 weeks old. Clean and healthy for resale as house pets. Contact "Jo Jo The Dogman" at Roots Farmers Market, RD1, Manheim, PA. Every Tuesday 6 p.m. to 9 p.m. (No Phone Calls.)

MISCELLANEOUS

For Sale - 21 cases of staples for Spotnail Stapler, 12,000 per case, 1 1/8 long 7/17 crown $23.00 per case, will deliver, Henry D. Byler, Rt. 2 Box 328-D, Dover, DE 19901.

Wanted - Horse drawn sleighs and buggies, please state price, 914-434-7560.

For Sale - Horse drawn sleighs & buggies & horse related equipment. 301-398-5696 after 7 P.M. Cecil Co., MD.

For Sale - Belsaw circular and chain saw sharpener in good condition, also sharpens knives, scissors, chisels, etc. John L. Fisher, 187 Cattail Rd., Gordonville, PA 17529.

MISCELLANEOUS

4 place snowmobile trailer. 1974 & 1975 440 Artic Cat Snowmobiles. One 295 Artic Cat snowmobile, $3700. 717-653-1765.

For Sale - 2 F94 Bostitch box staplers. Ideal for egg cases. R. W. Sauder, Inc. 717-626-2074.

For Sale - Tabs, suitable for driveway resurfacing, approx. 4 to 5 ton load. Coverage approx. 126' long, 8' wide. 10 wheel dump truck load, $125 C.O.D. A & B Trucking, Delta, PA. 717-456-5743.

For Sale - Firewood, some locust $50 pickup load. 717-687-7144 week nights after 5:30.

For Sale - Triumph motorcycle 500 cc MX. Trail only, low time $500. Dela. 302-328-2985.

MISCELLANEOUS

For Sale - Slab wood, 10 wheel dump truck load, $125 C.O.D. A & B Trucking, Delta, PA 717-456-5743.

For Sale - Firewood, seasoned oak and other hardwood. $75 cord. 717-569-7397 or 717-653-8243.

For Sale - Aluminum windows w/screen. Awning window & basement sash. Cast iron butcher kettles & doors Copper kettles, all sizes Jacob E. Fisher, R3 Quarryville, PA 17566

MEAT EQUIPMENT: Band saws, grinders, slicers, tenderizers, splitting saws, coolers and track scales, Gerry Grundy, Doylesburg, PA on Rt. 75, 200 yds. N. of Rt. 274. Open Sat. & Sun. 10 a.m.-4 p.m. 717-349-7654 or eves. 215-549-7584.

Quartz battery clock movements. These movements fit our ready bored and sanded walnut plaques. Also numeral and hands available. Wholesale or retail. Contact M. & E. Woodcrafts, 2700 Willow Street Pike 17584. Phone between 12 and 5 P.M., 717-464-4155.

For Sale - Sawdust, 10 wheel dump truck load, $105 C.O.D. A & B Trucking, Delta, PA 717-456-5743.

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For Sale - Oak, Cherry, & Walnut lumber (green). Cut to your order. Moyer's Sawmill, Rt. 2, Annville. 717-867-5316.

14' 1969 Mallard Hardtop camper, sleeps 6, ice box, toilet, stove new HWH & Piping, very clean thruout, $1295. 215-967-3618 aft. 6.

For Sale - Seasoned hardwood split fireplace and stove wood, will load. Very reasonable price. 717-789-3192.

Impotence! Causes & remedies! $1.00, Genie, Box 4090 LF, Yuma, AZ 85364.

For Sale - 1 Miller and Anderson Irrigation System. 1800 Ft. 3, 4, 5 inch pipe. Price for quick sale, $2,000. Call 1-301-387-5486.

For Sale - 30x60 Tobacco shed. Call 717-755-6391.

For Sale - Buggy, roller bearings, good condition $500, Henry L. Fisher, Box 174, Rd 1, Strasburg, PA 17579

Woodburning stove, like new with fire brick, holds 36" logs, $200 or best offer. 717-859-1866.

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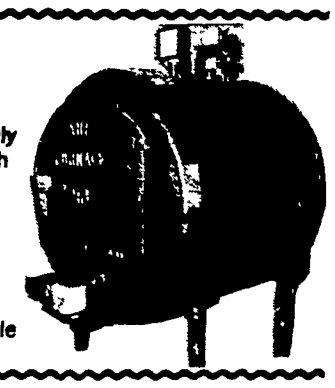

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REAL ESTATE

For Rent - 67 acres with barn & silo on Rt. 72 2 miles North of Manheim. 717-299-04.. between 9 & 5.

Farm For Sale by Owner - 110 acres, 90+ tillable, Union Co., Pa. Land is level to gentle southern slope. All in high state of cultivation. Three bedroom, 2 bath solid 2 story frame house. New machinery shed & corn crib. Large first mortgage available. 717-568-7271.

Wanted to Buy preferably from owner, approx. 100 acres in Oxford area or lower Lancaster Co. Include condition of buildings & discription of farm ground. Also include price. Write Box 366 R-81, c/o Lancaster Farming, Lititz, PA 17543.

219A Mountain Tract with secluded rustic 2 bedroom home, small barn, 20A open, stream, some road frontage, & views. Asking 138,000. Call CA Brandt RE 814-623-1159.

165 Acre Tract
In Lebanon Co near Lancaster Co. line, along Rt. 322, some tillable, some woodland, $275,000. For more details call.
Fisher Real Estate
717-273-3745

For Rent - 300 acre farm w/100 cow free stall bank barn, 5 silos, double 6 Herringbone parlor, machine storage, 40x80 shop, 200 extra acres available. 4 bedroom frame house w/alum siding, wood burning stove w/electric heat, 2 car garage Stream thru pasture, good springs. By Owner Write Box 366 R-72, c/o Lancaster Farming, Lititz, Pa. 17543

REAL ESTATE

Wanted to buy - operating dairy farm in Blair, Centre, Huntingdon or Juniata Co., 150+ acres, stanchions for 40+ cows, bulk tank, silos, good house and buildings, April 1 possession. Write Box 366 R-82 Lancaster Farming, Lititz, PA, 17543.

Wanted to rent this Spring - Dairy farm for experienced dairymen with cows and equipment. Prefer Central Pa. 717-345-8939.

For Sale - Dairy Farm by owner. Cumberland Co. 717-776-3402.

700 acre dairy farm, pipeline, 173 stanchions, 3 Harvestores, machinery, 100 cows, $370,000. 80 cows, 200 acres, machinery, modern home, $275,000. 315-942-4824.

Dairy Farm For Sale - Huntingdon County, 140 acre farm, cattle & machinery, 32 head Holstein cattle, mostly Registered. Complete line of modern farm machinery. 60 tillable acres, 25 acres pasture with stream running through, remaining wood lot, Lots of handy ground available for rent. Terms available. Selling due to bad health 814-542-2949.

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NEW YORK FARMS - Bare or stocked and equipped. Write or call COLLECT for complete details. Atkinson Real Estate, Inc., 93 E. Main Street Gouverneur, New York, 13642. Tel: 315-287-1310.

117 Acre Farm For Rent - Cumberland County, bank barn, silo, hog building, 11 room house. PH: after 6 P.M. 717-423-5276.

Small farm of 20 acres for rent near Reamstown, Lancaster Co. 717-866-6635.

For Rent or Sale - 35 acre dairy farm near Martindale, Lancaster Co. John M. Sauder, RD #1, East Earl, Pa.

Cortland Co. NY - Hard to find well kept 50 cow dairy pipeline, 2 large silos, excellent houses, pool, new repair shop plus complete maple sugar house, other X-tras, nice location for this 350A farm. For more information or appt. Call Vanderwonde Realty, A. Stickels, Sales, Nights only 607-838-3318

JUNIATA COUNTY
172 Acre Farm - 150 Tillable 8 Room House - Modern conveniences 45 + 90 Barn plus 32 + 90 loafing, Other large buildings, Road Frontage, Financing available if necessary Phone 717-535-5530.

For Sale - 91 acre modern hog & beef farm. 215-488-6822.

For Rent - Adamstown, 158 E. Main, 5 rooms & bath, adults preferred, no pets, $190 per month plus security, water, sewage, stove & refrigerator furnished. Ph. 717-267-2036 or 267-3726. Lancaster Co.

For Rent - Recently remodeled 4 bedroom house, $350 per month. Security, references Manheim area, available immediately; 717-665-3154.

Wanted to Rent - Young farmer interested in tillable acreage, N. Harford, NE Baltimore Co., MD, S. York Co., PA. 301-692-6222 after 6 p.m

FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses. Write Dept. LF-2, WEST REAL ESTATE AGENCY, INC., 2728 Murray Ave., Pittsburgh, Pa. 15217.

STOCKED DAIRY FARM
Bradford County near Troy & Towanda, Pa.; near local state park lake; established operation with approx. $50,000 worth of livestock; approx., $50,000 worth of equipment; 172 acres with 130 tillable; 30-acre springwater & fenced pasture; 8-room & bath home plus an extra trailer home; 2 extra trailer sites; barn with 50 stanchions; barn cleaner; silos & unloaders; milk house with 475 gal. tank & pipeline system; granary; pole barn; seller will finance a qualified buyer. No. 7897. WEST REAL ESTATE AGENCY, INC., Office: 111 Main St., Troy, Pa. 16947, Phone: (717) 297-4046 or 297-2777.

Grain storage, 8 large silos, railroad siding, 1½ acres. Call for details, Value Real Estate 717-246-1676.

Farm, York Co., 2½ story home, large barn, 33 acres, owner financing. Value Real Estate. 717-246-1676.

Country Estate, rancher, 3 bedrooms, new barn, 5 acres Value Real Estate 717-246-1676

CENTRAL PA FARM LISTINGS

BEDFORD COUNTY

GRAIN FARM — (3 separate farms) 840 acres (700 tillable), excellent productivity Includes an 80,000 bu. grain storage and drying facility, 5 silos, beef cattle feeding setup, 5 barns (1 new 50' x 140'), 4 houses All buildings are in good condition Excellent road access, individual farm purchase negotiable Total price $1,250,000

OPERATING DAIRY FARM — 190 acres (170 tillable limestone soil) Two-story 6-bedroom, brick house, bank barn including 54 stalls with mats, pipeline milking system, 3 silos, large machine shed and other outbuildings $300,000

GENERAL FARM — Formerly a dairy farm 155 acres (120 tillable, 30 pasture) Includes a 6 bedroom frame house, bank barn, machine shed and garage Also, a small stream $155,000

BLAIR COUNTY

NEW LISTINGS — Two adjoining Farms near Williamsburg

FARM NO. 1 — DAIRY FARM — 145 acres (70 productive tillable, 38 pasture, 37 woodland) Solid 2-story frame house, bank barn with modern dairy attachment with 21 inverted V stanchions, bulk tank, and other outbuildings Frontage on Clover Creek $172,500 and available with No 2 below

FARM NO. 2 — GENERAL FARM — 120 acres (106 productive tillable and approximately 14 woodland) Solid 2 story frame house and a bank barn ideally suited for livestock Buildings are centrally located on the land $215,000 separately and available with No 1 above

CENTRE COUNTY

NEW LISTING — FARMETTE — Halfmoon Township Large farm house and barn in very good condition on 10 acres of tillable land $118,000 Owner financing

NEW LISTING — GENERAL FARM — 110 acres (100 tillable, nice laying, productive limestone ground) Large bank barn, implement shed and corn crib combination and concrete stave silo — all in good condition Large Victorian house in need of repair $185,000 Owner financing

GENERAL FARM — 215 acres in Curtin Township near Romola, adjacent to Sproul State Forest Picturesque with tillable and wooded acreage, 2 story frame house with aluminum siding, large screened porch and separate 2 car garage, both in very good condition Year round stream provides water supply for house and pond Excellent for an investment ideal location for pleasure horses or just plain recreation $150,000 Owner financing

GENERAL OR HOG FARM — Near Spring Mills, 75 acres (30 tillable, 12 pasture and 33 woodland) 2 story frame house with aluminum siding, 40'x70' bank barn with 29'x39' attachment 2 corn cribs Barn is equipped for farrowing and finishing hogs Small stream Approximately 18 miles from State College $97,500

INVESTMENT FARM — Near Boalsburg, 44 acres (40 highly productive tillable land) Good barn, excellent frontage, sound 2 story frame house and shop can be purchased at a later date for a very reasonable price, $94,500 without house

GENERAL FARM — Bald Eagle Area, 93 acres (80 tillable, good productive land) No buildings $83,500

FARMETTE — Near Zion, Solid 2-story frame house, frame barn, and separate 1-½ story workshop and garage 5 ½ acre tract includes small orchard and productive tillable land An additional 12 acres of tillable land available $64,500

COLUMBIA COUNTY

GRAIN OR BEEF FARM — 533 acres (350 tillable, highly productive, nice laying land) Excellent location between Bloomsburg and Danville 3 homes 2 barns, and complete grain drying facility with 2 elevator legs and an American Batch dryer The farm has 6 streams and generous road frontage I-80 divides the farm and each portion could be sold separately to simultaneous buyers Price — Complete farm $885,000 with owner financing Field equipment available

HUNTINGDON COUNTY

GENERAL OR BEEF FARM — Near Manor Hill 212 acres (150 productive tillable land, 17 pasture, 40 woodland). 2-story brick farm house, 2-story bank barn with 28 stanchions, milk house, and implement shed and crib combination Stream and nice secluded setting Close to Stone Valley Recreational Area and Whipple Dam State Park $177,500 Owner financing

MONTOUR COUNTY

NEW LISTING — GENERAL OR BEEF FARM — 5 miles southeast of Muncy 210 acres (110 productive tillable land 45 pasture, 55 woodland) All pasture has water supplied by 3 separate springs Substantial road frontage Ideal livestock farm $219,500

NORTHUMBERLAND COUNTY

NEW LISTING — HOG FARM NEAR DORNSIFE — 12 8 acres (8 tillable, 4 8 woodland and pasture) Hog finishing barn, 3 feed bins, automated feeding system for finishing, capacity of 240 hogs No house — good location for building $27,500

INVESTMENT OR GENERAL FARM — 168 acres (135 highly productive tillable, 16 developed land, 16 pasture and woodland) Tillable land can be purchased separately 28 lots of the developed land ready to market, complete with water and sewer Also a large 2-story bank barn

UNION COUNTY

FARMETTE — Approximately 4 miles north of Mifflinburg Good 2-story house and 33 acres (24 productive tillable land) Other buildings include storage facilities and 2 corn cribs The property is completely fenced for cattle $99,500

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Don Myers (814) 422-8111 (Lewisburg) Larry W. Platt (717) 568-5563
Mel Rockey (814) 466-6688 (Bedford) Richard D. Reed (814) 839-4271

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Wanted - Young farmer interested in farm 100 acres or more in Northern Harford, NE Baltimore Co., MD, Dairy, beef or hog, stocked or unstocked. 301-692-6222 after 6

For Sale - Modern egg farm, 30,000 layers, 2 cage units, automatic feeding, cable cleaners, process your own eggs & get top dollar with established markets. For details phone 412-459-9110.

For Rent: 128 Acre Farm, 4 miles from Hershey. Approximately 70 acres tillable and 40 pasture. House is four bedroom, 2 fireplaces, storm windows and siding. Also, 3 bedroom tenant house, adjacent 3 acres pond, barn and creek. Will consider sale. Call 1-717-652-2834.

Wanted - One farm with a milk jugging store. Call after 7 P.M. 215-635-2298.

Wanted To Rent - Dairy farm with option to buy. Will upkeep buildings. Stanchion barn preferred for 40+ cows. Adams, Cumberland, Perry, Juniata, Dauphin, York, Lancaster, Lebanon, Berks counties. Write P.O. Box 366 J-115, Lancaster Farming, Lititz, PA 17543.

For Sale - 221 acre farm, 180 tillable, bank barn, house, spring. 717-438-3115.

WE'RE FARM SPECIALISTS. We have a wide selection of land and farms in lower Del. & Eastern shore of MD. Let use help you in your future farm purchase planning. Clyde Bryant 301-749-8153, Helen Bryant 301-749-8833. GENE DUNN REAL ESTATE, 214 Hazel Ave., Salisbury, MD 21801 301-749-8833.

Armstrong Valley, Dauphin County, 20 miles North of Harrisburg. 90 acre general farm, of which approx. 65 are tillable. Large barn. Good, 4 bedroom house. Has stream, semi-seclusion and beautiful view.
JCT Realty, Inc.
Real Estate
Millersburg, Penna.
Salesman: Don Miller
717-896-3252

40 acres, Adams Co., Broiler and Hog Farm Broiler House cap. 14,000 plus auto. equip., New farrow building & implement shed, Nice 2½ story home with summer house, fairly level land. H-2933 $160,000. Contact Dan Rodgers at Key Real Estate, 108 York St., Hanover, Pa. 17331, Phone 717-632-6400.

York County. 32 acre farm, 4 bedroom frame house, barn and other out buildings. Stream and pond. Asking only $78,500. BAUGHMAN REALTORS, 717-741-4671 or 717-862-3869.

Wanted - Fruit or vegetable farm, 75 to 150 acre range, others considered. Must have established or strong potential for road side market and you pick. Write Box 366 J-119, c/o Lancaster Farming, Lititz, Pa. 17543.

For Rent - Large Farmhouse in Manheim Central School District, 717-569-6893.

BEDFORD COUNTY, Pa.- Mutton, Ham, or Beef 96A rolling general farm, 40A tillable, large chicken house, bank barn, 2 story frame home. Asking $85,000, CA Brandt Real Estate Bedford, Penna. 814-623-1159.

REAL ESTATE

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For Sale - 3 bedroom stucco house with 28 x 34 barn on 1 acre lot. North of Whitehorse on Meeting House Rd. John E. Glick, R.D. 1, Gap, Pa.

For Sale - 20 acres, 4 bedroom house, bank barn, farrowing house, 8 miles from Shippensburg, $85,000, mortgage can be assumed. Century 21, Lincoln Assoc., Chambersburg, 717-264-3238, Bill VandeMerwe 717-264-3537.

Farm for Sale by Owners - in Middlesex Twp., Cumberland Co., 170 acres, approx. 130 acres tillable, 2 miles from PA turnpike I-81 & Rt. 11, dwelling and buildings in good condition, 1 mile road frontage. 717-243-5495, 717-243-5498 for inspection appointment.

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For Sale - 36 acre farm with stone bank barn, 4 bedroom house, Kinderhook area, owner will help finance. Edgar M. Wright Real Estate, 627 N. Duke St., Lancaster, Pa. 717-392-4185.

For Sale - Brick two story farm house on 100' x 300' lot, 1 mile from Shippensburg. Phone 717-532-7590.

For Sale by Owner - 106 acres (45 tillable) stone house, no barn, located Lancaster-Lebanon County Line. $2200.00/acre. 215-267-5012.

FARM FOR SALE - 320 acres, Scotland Co. Mo. Good Buildings, modern house, well improved. We farm half, the rest in hay and pasture. Would sell on contract. If interested, write to Paul E. Baker, Box 217, Cantril, Iowa 52542.

OWNER RETIRING - 179 acre Modern dairy farm. North Franklin County, 5 bedroom house, tenant house, 2 barns, 2 farm ponds. Herd negotiable. $2,180 per acre.
RAISE BEEF OR HORSES on 114 acres, 1 mile creek front, pastures, woods plus 90 tillable acres, 3 bedroom house, bank barn. Central Franklin County. $1,490 per acre.
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60 acre dairy farm.
NITTANY VALLEY
CLINTON COUNTY
141 acre general farm, $95,000.
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83 acre 32 stanchion dairy farm, (2) 16x50 silos, (1) 10x40, loafing area, stone house, stream, 6 acres pasture. Owner buying in another county.
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Perry County - 75 acres approx. 65 acres tillable, 2½ story frame house, 4 stall 40'x60' barn, 25x50 steel & alum. farrowing bldg. (20 pen capacity with electricity & water). $89,500.

Perry County- 56+ acres, 2½ story frame house, 6 car garage, 2 story carriage house, chicken house, good barn foundation, $123,900

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In soil rich Penns Valley, Centre County, Pa. 132 acres of rich stoneless soil (test results available). One of the largest bank barns in the County with barn cleaner & new milkhouse with Mueller tank. 7000 bird turkey facility provides excellent income & requires only minimum of time. Large 4 bay implement shed & batch bin dryer. Two story brick home overlooks most of the entire property. Gross & net income available at our office Price $240,000. Cash down payment required. Stock, machinery, & stored crops negotiable in addition to Real Estate.

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160 A 34 tie stalls with room for expansion, pipeline, 2 concrete silos, modern home, up for quick sale.

140A 96 freestalls, double 6 parlor, large heifer barn, new equipment shed, large modern home, 5% financing available.

Watch our ad for a modern 200+ cow dairy setup with over 600 acres of limestone land, coming up soon.

We also have woodland in Lancaster & adjoining counties.

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DAIRY FARM CARBON COUNTY

100 acre dairy operation containing 30 stanchions, free housing for 50 cows, pipeline milker, 3 silos, implement shed, bulk feed bins, barn cleaner, etc Old stone dwelling in good condition, 41 milking cows, 21 heifers, 7 calves & all the implements, wagons, 5 tractors some like new All included in this sale Adjoining land can be farmed for $12 per acre. If you are looking for something ready to go this is the one

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220 acre farm, 115 tillable, 30 acres sugar maples, 2 ponds, 15 room house, one tenant house with barn, main barn 120 x 42, new tool barn, garage & numerous other outbuildings.

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71 ACRES LAND Just off Rt 81 near Elk Mountain open fields and woods **$42,500**

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203 ACRE FARM - Large colonial, 3 barns, 75% tillable, extensive road frontage, ideal for subdivision. $155,000.

174 ACRE DAIRY FARM - 65 stanchions, excellent 9 room home, 4 bedrooms, 1½ baths, large pond, near Rt. 11. $198,000.

71 ACRES LAND - Near Rt. 81 and Elk Mountain, ½ fertile fields, ½ woods. $42,500

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#1 SHERMANSDALE AREA - 100 acres, approx 50 acres tillable 2 frame dwellings & frame barn Large stocked trout stream Marketable timber ¾ mi hard rd frtg Eves call Craig Lowe 717-567-6196

#2 NEW BLOOMFIELD AREA" - owner financing Approx 22 acres with exceptionally well maintained bldgs Additional acreage available Call for details Eves call Larry Fry 717-567-6773

#3 - 152 ACRES 82 tillable bal woodland Sandy clay loam soil 6 rm frame house & good 40x60 old style dairy barn with other bldgs 15 mi N of Carlisle Eves call Larry Fry 567 6773 or Craig Lowe 567-6196

#4 NEAR LOYSVILLE & KISTLER — 250 acres 100 tillable bal woodland & pasture Limestone soil Large 2½ story 4 B R home No barn Good springs & trout stream Some marketable timber Eves call Clair Benner 717-444 2162

#5 WOODLAND 100 acres young timber Newport area $650 per acre

#6 PERRY CO DAIRY 135 acres 50 stanchions 2 silos 2½ story 7 rm & bath frame house Kistler area Barn & other bldgs Call for more information Eves call Clair Benner 444 2162

#7 PERRY CO 165 acres 120 tillable Pasture w/spring $1130 per acre Estate to settle Scenic setting Big stream Good rd frtg Priced for immediate sale $186 000 Eves call Clair Benner 444 2162

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426 Acres in 1 block, 392 tillable, can be bought in total or smaller acres, 3 houses, 4 barns plus farm shop. Much road frontage

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HUNTING CAMP - offered furnished with 10 acres of wooded land, camp sleeps 10 and is situated in prime deer country, $26,500

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350 ACRES in Marsh Creek area with ¼ mile of trout stream running through property 60 acres are open and the remaining heavily wooded This area offers the county's finest deer and turkey hunting, $400 per acre Owner financing available

214 ACRES located in northwest section of Centre Co Tract offers 1000 yards of a beautiful trout stream and many prime locations for a home or camp This acreage has been appraised by a forest expert and includes $38,000 worth of timber, $750 per acre Owner financing available

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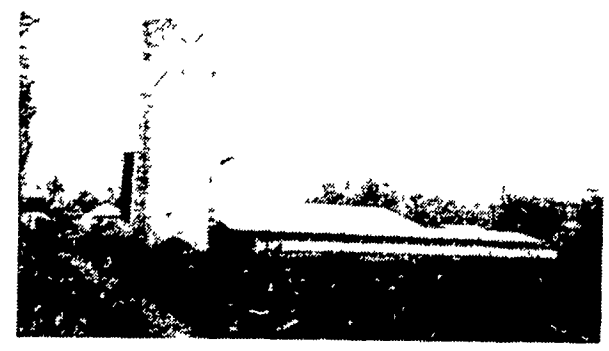

105 ACRE

FRANKLIN COUNTY DAIRY FARM

Bordering Waynesboro - Brick dwelling, free stall dairy barn for 75 head, milking parlor, 20 ft. concrete silo with unloader, and bunk feeder barn, limestone soil All buildings in excellent condition

Note: Portion of farm bordering Waynesboro would be adaptable for residential development.

$2,900 per acre

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130 ACRE LEBANON CO. DAIRY FARM!

125 Acres Tillable, Large Barn and Large House. Real Good Terms. . . . $499,000.

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#433, 100 ac 80 tillable, dairy barn, 34 tie stalls, silo, 600 gal tank, 2-story older home, 5-br. 2 bath, fireplace. $128,000

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JUNIATA CO. - 41 Acre Farm, frame house, bank barn. ML42811 $64,900 Additional 5 acres available.

PENN TWP - 48 Acre Farm, 40 tillable, 3 wooded. 50,000 broilers, 1000 hog set up, 30 x 60 heated shop, 20 x 30 auto. generator shed, 2 corn bins - 12,000 bushel each. 2½ story 4 bedroom house & 2 car garage. ML 42779

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MOUNT JOY TWP - Vacant land,no bldgs., stream & 29 acres tillable, soil ideal for confined hog operation or chicken houses. 1000 ft. road frontage ML 41783

RAPHO TWP - 41.2 Acres vacant land - no buildings. Partly wooded with stream. Ideal for development or as a chicken or hog farm. ML 42846

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30 acre cropland with large brick home and bank barn, ideal for horses, home offers yesteryear charm and size by way of 5 bedrooms, formal dining room, summer kitchen and more, 2 car garage and other out buildings.

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Dairy
131 acres limestone, large 50 tie stall barn, pipeline milker, new 1500 gal. bulk tank, new 100 cow free stall barn, 2 silos, 80' feeder, new 65x108' implement shed, 7 room modern house. Owner financing available. Cattle optional with financing.

General
51 acres Hog or Beef operation, comfortable 7 room house with fireplace in living room. Barn and other out buildings. Timber with flowing stream. South of Carlisle.

General
40 acres limestone, estate type setting, beautiful colonial brick house with fireplaces, bank barn, garage & road frontage, SE of Carlisle.

PERRY CO.

Dairy
153 Acre Dairy, large barn, 50x85 feeding area, 53 stalls, stable cleaner, 525 gal. tank, 2 silos, 70' feeder, 2 streams, double log house plus road frontage.

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JUGGING FARM - 190 acre operating dairy farm plus 2 additional houses, a milk processing plant and store Excellent opportunity for a large family operation. Call us for more information and an appointment to see this fine property in Chester County.

SNYDER COUNTY - 142 acres, mostly tillable, Dairy Barn and Dwelling. Gently rolling land in very good state of cultivation, 4 car garage, 26x62 machinery shed, corn crib and drive-thru machinery storage. 700 gallon milk tank. $300,000.

FARM - 102 acres with 90 acres tillable, 2 acres woods and 10 acres pasture. Good, six bedroom house. Large garage in good condition. Barn in need of some repair. Located in Snyder County. $200,000.

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49.5 ACRE DAIRY FARM
32 stanchions, silo, several other buildings and 3 bedrooms dwelling. $250,000.00

55 ACRE HOG AND STEER FARM
Horse barn, cattle barn, farrowing and fattening houses. 4 bedroom home. $210,000.00

100 ACRES
With bank barn, steer barn, implement storage facilities and many other buildings all in A-1 condition. Nearly 90 acres tillable. Ideal set-up for conversion as dairy operation or expanded steer and poultry farm. Owner financing available. $375,000.00

INVESTORS ARE YOU SLEEPING?
This 108 acre farm in Lancaster Township just 3 miles from Lancasters Penn Square and 7 miles from Park City should have been sold long ago. Two dwellings, road and creek frontage, public water and sewer within ¼ mile, super location and potential tax shelter just an added bonus Only $4,000.00 dollars per acre and owner financing available.

PERRY COUNTY FARM
68 acre farm with 60 acres tillable, new pond, bank barn, 2 car garage, stone farm house and Amish neighbors $140,000.00

SOLD

YORK COUNTY
90 Acres total, 70 acres tillable with 10 room dwelling, bank barn, tobacco shed, near Brogue $250,000.00

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$225,000.00

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246 acre producing dairy farm just off Rt. 549 about 6 miles east of Mansfield, Penna. in Tioga County. 36x90 dairy barn - 30x40 heifer barn - 16x18 milk house with bulk tank, 1½ in SS Piepline milker - Ribstone silo 14x50. Room for 40 milkers. The 9 room house is in excellent condition. Call for more details. #123. $180,000.

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EXTRA INCOME! - Rent the 2 bedrm. apartment over the 2 car heated garage while you live in this 5 room, 2 bdrm., 1 bath home. Would be excellent for hunters. All this for only $23,000. (T-795)

92 HEAD DAIRY OPERATION - Large tie stalls built right for big holsteins. Straight run barn w/2 barn cleaners. Surge pipeline w/6 units. 1200 gal. bulk tank w/hot water energy saver. 20 x 60 silo plus large trench. Roll roof barn w/hay storage approx. 20,000 bales. Large 6 bay machinery shed, & large 3 sided shed. 8 rm. 4 bdrm home remodeled, rewired, & insulated. Almost everything new in 1975. Includes approx. 289 acres w/about 123 tillable. Leasing another 130 tillable that borders farm on shares or low rent. Much more. Priced right at $180,000. M-1851. 717-662-2138

TIOGA COUNTY - 231 acre dairy farm, 55 stall barn, 3 silos, barn cleaner, bulk tank, milking units, 7 acre farm pond & cabin, excellent 4 to 5 bedroom house completely remodeled throughout, attached 2 car garage. Owner finance 29% down, 20 yrs. with interest rate to match F.L.B. at closing. Much more on this going operation, $183,500. #W-435 PH: 717-724-5921.

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MODERN DELAWARE COUNTY DAIRY, 520 acres, 300 tillable, 3 farms available to rent nearby. 112 cow pipeline barn, 4 silos, unloaders, heifer barn accomodates about 65. Fine 10 room home 114 milkers, 5 tractors, machinery $575,000 with 29% down. JUST LISTED!

SOUTHERN EXPOSURE FARM, all land faces south, 124 acres, almost all tillable 40 stanchion and tie barn, mow elevator thru large loft Fine one or two family colonial w/excellent view. Asks $115,000 JUST LISTED!

50 FOOT FIR TREES line private lane into 120 acre farm, ideal for horses or beef. 5 bedroom home has custom wood kitchen & dining area overlooking pond. Stone fireplace. 36x60 two story barn just painted $82,500 w/terms

SMALL DAIRY SET-UP 36 tie barn has dump station, 16x50 and 14x30 silos, 300 gallon tank. 3 bedroom home about 25 years old. 60 acres, all tillable. 90 acres available to rent indefinitely for $7.50/acre tillable, $3.00/acre pasture Priced at $60,500

110 FREE STALLS with double 4 herringbone parlor, 20x60 cement silo and trench silo on 250 acre farm, 200 tillable. Fine 4 bedroom home Cattle, tractors and machinery included for $330,000 EASTERN, N.Y.S.

FOUR PILLARS TAVERN and restaurant. 9 room living quarters. Probably the loudest tavern in this quiet country town. $38,500 with $15,000 down.

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133 acre dairy farm, nearly all tillable land which lays very nice Good buildings, beautiful home, 12 x 65 Mobile Home included. Stream & pond, plenty of frontage Farmers, Investors-Take Note.

SNYDER COUNTY FARMS

COUNTRY PLACES

37 acre hog farm near McClure.

28 acre all tillable general farm w/buildings, near Selinsgrove

100 acres, 145 acres, 130 acres, all situated in the same neighborhood Equipped for steers, in the Western part of the county

10 acre farmette, trout stream, priced low & surely will go.

23½ acres woods with well Nice drive above Harrisburg

20 acres timberland, Shade Mountain near state gamelands (would consider selling 10 acres)

FARMETTES

BLOOMSBURG -DANVILLE AREA

108 acre general farm, soil very suitable for corn & alfalfa, stream & woods

Ask for One of the Farm Men For Details & a Farm Tour

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Beautiful picturesque secluded 280 acre farm located in Little Britain Twp., Southern Lancaster Co., PA, 190 acres tillable, 90 acres woodland, over 1 mile road frontage with nice view, Classic colonial 200 yr old stone house with living room, dining room, eat-in kitchen, 6 bedrooms, 5 fireplaces, 2 large porches, front and rear, 2 small porches (one on second floor), slate roof beautiful landscaped with in-ground Sylvan 20x40' pool, orchard, post and rail fenching & large pond, long lane and a 2600 ft air strip, other buildings include a large 2 story carriage house and garage have barn with stalls & loft & main farm buildings consisting of milking parlor and milk house converted to hog farrowing nursery, large feed room & shed, 60x60 650 head hog finishing barn with cement slats and 8 ft. deep pit, 60x120 ft. loafing shed with cement floor & 7 large livestock pens, large cement lot around farm buildings making them suitable for large dairy or beef or hog operation, priced $3000 per acre, financing available

Also 2 portable 20x50' farrowing and nursery houses over pits, (1) 20x50' Harvestore silo and (1) 15,700 bu. MSS bin, negotiable if contracted immediately.

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Call to set up an appointment at your convenience to inspect these and other farm and rural properties.

FO-10 Juniata Co., 38 acre farm near Mifflintown, beautiful area, mostly level and tillable, large 2 story home & bank barn, only $65,000. CALL DON.

Columbia Co. farm. 112 acres with 90 acres tillable. Owner claims 130 bu. corn per acre, excellent farm house and buildings, in-ground pool, large barn, new equipment shed, plus more $198,000.

188 Acres - Rough mountain land in Union Co. along Penns Creek. Great trout stream borders giant tract state game land. $60,000.

L9-359 20 acres at Port Trevorton. Mostly Wooded. $840/A.

L-9 357 33 acres, mostly tillable, some woods, no buildings, approx. 1000 ft. road frontage in turkey, bear & deer area. Excellent owner financing. $5000 down, Snyder Co. $45,000.

LO-11 2854 acres mountain land in Juniata & Mifflin Counties, 1 block, borders state land. $300 per acre. Possible financing available. Smaller tracts a possibility. CALL DON.

F9- 239 50 Acre farm in Snyder Co. 2 story farm house, bank barn, pond, on quiet country road $87,000.

L9-172 50 acre tract south of Sunbury, majority of land is wooded, nice view, $35,000.

F9-53 25 acre farmette with 4 bedroom frame house, close to Line Mountain School. Land is open with plenty of road frontage, pond. $65,000.

F9-315 86 Acre Snyder Co. farm situated in Hollow. Plenty of privacy. Protected from weather. Approx. 55 acres tillable. Repairable 2 story house. 12x70 mobile home $110,000

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427 ACRES, 310+ tillable newer barn will hold 116 large cows 2 silos New home plus excellent 2nd home and mobile home Equipment shed and youngstock housing Large level productive fields Large assumable mortgage Wants to sell by Spring

800 ACRES, 400 tillable 120 acres river bottom land New 172 tie stall barn 3000 gal tank 25x80 Harvestor, 25x45 Harvestore 24x60 concrete silo bunk feeder 2' 8 unit pipeline 4 homes excellent location Priced at $700,000 with terms Cattle and equipment available

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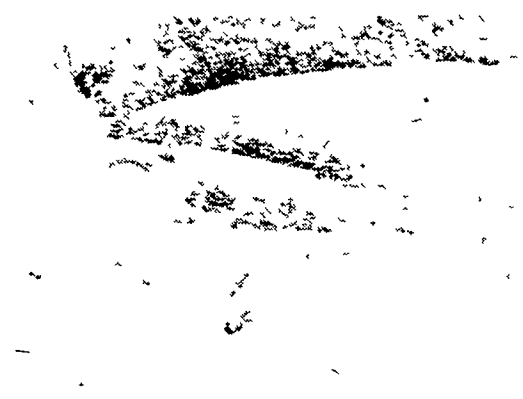

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53 Acre Poultry farm, 37 acres tillable, bal. pasture with stream and pond. Good 6 room house, bath. Modern kitchen, family room with Franklin stove. Small bank barn. 3 large poultry houses, room for 25,000 birds, automatic feeders, hog barn and 2 car garage. The price is REASONABLE!

100 Acre General farm near Gratz.

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140 Acre General Farm North of Danville

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58 Acres near Mt Joy and Rt. 283, full set of farm buildings, road frontage and zoned commercial.

14 Acres, 4 bedroom brick house, large bank barn, meadow with stream, old stone mill.

50 acres with barn and other farm buildings, no house, a lot of road frontage zoned commercial.

10 Acres woodland near Denver
38 Acres woodland in Southern Lancaster Co. Will sell 10 acre parcel or 1 acre lots.

PERRY CO.

130 Acre farm, excellent buildings 4 bedroom stone house completely restored with all modern conveniences.

125 Acres with 110 tillable, balance pasture with stream Good bank barn, no house

CUMBERLAND CO.

48 Acres, small pasture with stream, bal. good productive farmland, no buildings

100 Acres productive Limestone soil along hard road, no buildings

28 Acre Business property A going new & used furniture store & auction house w/beautiful large 2½ story stone house in excellent condition Plenty of room for expansion

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Three Harvestore silos, 109 freestalls with feeders, 64 stanchion barn with pipeline milker, good milk market, $225,000 bare. Can be bought stocked & equipped with 105 cows.

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27 acres, Bird-in-Hand area.

83 acre dairy farm near New Holland.

65 acre general farm, East Hempfield Twp. with room enough to hang 25 acres tobacco, limestone soil.

46 acres west of Lancaster.

OTHER COUNTIES

122 acre Lebanon Co., 82 cow dairy (all modern equipment)

151 acre Huntingdon Co. dairy farm. Priced to sell.

39 acre general farm near Carlisle $89,000

212 acre Mifflin Co. dairy farm.

104 acre Lycoming Co., 64 acres tillable $95,000

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NORTHUMBERLAND CO. & SURROUNDING AREAS

24,000 cage layer ope- REDUCED 's - 55 tillable, modern home, $122,000

75 acre general farm, 40 tillable, 20 pasture, coal furnace, house completely insulated, new fencing, pond, 2 streams, 8000 bu corn crib, 50 x 50 barn, 50 fruit trees, $110,000 45 additional acres available at $1000 per acre

150+ yr old operational stone mill plus brick home on 44 acres, use water power or make your own electric, $89,000

7 acre farmette, large 4 bedroom home, large barn, stream through, $46,000 100 acre farm, feed lot w/20x60 Harvestore silo, bunk feeder, bank barn, 90 acres tillable, no house, $169,000 This may be bought w/farmette

78 acre Schuylkill Co dairy farm, 28 stanchions, barn built in 1972, 40 x 14 silo w/unloader, modern 4 bedroom home, $135,000

140 acres, 100 tillable, large house & barn, $210,000, may be rented with option to buy

136 acres, large barns & grain storage, $249,000

110 A, 85 tillable, good barn, no house $110,000

Plain Acreage

412 acres surveyed mountain land close to Interstate 81, $155,000

10 15 acres, all wooded $1500 per acre

25 acres, 2 streams, 12 acres tillable, $37,500

10 acres mostly tillable, some timber, $15 000

Many of these owners will finance 9-10%

PROFESSIONAL PROPERTY BROKERS, INC.
215-362-1290
Farms & Acreage Call
Peter Cortelyou, L.R.E.S.
717-682-8135

PAUL M. Longacre FARMS AND COUNTRY PLACES

SNYDER COUNTY
150 acre dairy farm, 100 tillable good soil, stream through pasture, bank barn with 3[SOLD], 10 x 40 silo, nice 2½ story home with [SOLD]en, lg livingroom, 4 bedrooms & bath, d[SOLD]orn crib, 2 wagon sheds, all buildings in exc. cond , farm lays nice Asking **$225,000.**

MONTGOMERY COUNTY
75 acres, $3,500 00 per acre large amount of road frontage **#139.**

BERKS COUNTY
139 acre orchard, very nice, large sales building, 110 x 60 & 40 x 45 refrig storage, grading rooms & office building Also a good 8 room frame home w/bath & 4 room Summer house w/ba*h A very nice operation at **$380,000. #241.** 36 acres adjoining property available also, **$108,000 #242.**

95 acre horse farm with the most outstanding restored historical brown stone eight room house, bath, fireplace, guest house, smoke house and spring house Very large and outstanding 16 stall barn with large addition for steers, very good limestone soil with enough level land for a race track For the race horse lover Registered with Pa historical society **$375,000 #117. Lease possibility.**

BRADFORD COUNTY
NEW
235 acre general farm, 100 T, 90 pasture, nice 2 story home, 6 rooms & bath, bank barn, 2 silos in good condition, implement shed, garage & more All for **$115,000**

98 acre, 70 tillable dairy farm, 47 tie stall barn, barn cleaner, bulk tank, 20x60 concrete silo w/unloader, house available for rent, **$105,000.**

180 acre, 150 tillable, level land to gentle rolling, beautiful big new rancher w/fireplace, barn remodeled w/new addition, 58 tie stalls, could easily add 16 stalls, bulk tank, dumping station, 18x65 concrete stave silo w/unloader, heifer barn & machinery shed Located on macadam road Sets very nice must be seen to appreciate All for **$225,000.** Cattle & machinery optional Additional acreage available for rent

79 Acres 59 open & 20 wooded w/unlimited possibilities Only 5 minutes from Athens Nice view **$39,000.**

113 acre dairy farm, 60 tillable, 30 pasture, 103 stallbarn, 86 tie stalls & 17 for heifers, 1000 [SALES AGREEMENT]0x60 concrete silo, 16x50 concrete [SALES AGREEMENT]ers, 2 large sheds, 34x48 & 16x[SALES AGREEMENT] farm house w/6 bedroom & bath, nic[SALES AGREEMENT], also 300 acres available for rent, **$139,500.**

94 acre general farm, large 2 story home w/8 rooms & bath, large bank barn & other buildings, **$80,000.**

86 acre investment opportunity w/country living. 40 acres wooded & 46 open, includes 12x70 nice mobile home w/1½ bath & garage Located in lovely setting near lake Call for details, **$69,500 #273.**

213 acre 120 tillable, contoured dairy farm, 38 plus stall barn w/cleaner & bulk tank, 2 story heifer barn, 18x50 concrete silo, large 2 story home w/modern kitchen, living room, dining room & 5 bedrooms & other outbuildings **$188,000-#264.**

290 acres, 220 tillable dairy farm, 102 stall barn, pipeline milker, bulk tank, barn cleaner, fans & heifer stalls, large machinery shed & heifer barn, new insulated shop, 2 18 x 50 concrete silos w/unloaders, 20 x 50 Harvestore silo & other outbuildings Four nice dwellings, a mobile home & several nice ponds, make this a real buy A real going operation at **$470,000.** Cattle & machinery optional Also 150 acres available for rent **#239.**

16 acre hunting camp w/frame house, nice kitchen, large stone fireplace, cathedral ceiling, fenced Also 2 barns, milkhouses, grainery & garage Spectacular view, **$49,000.**

WOODED ACREAGE
11 acres **$11,000**
38 acres **$26,700**

SUSQUEHANNA COUNTY
67 acres of prime hunting ground, **$34,000.**

100 acre dairy farm, 63 stall barn, remodeled 8 room home w/bath, new machinery shed, 20x60 Harvestore silo, in a nice setting, **$162,000. #267.**

19 acres, lovely woodland, suitable for hunting or retreat **$22,500**

40 acres of woodland, **$26,500.**

Several other parcels available

SCHUYLKILL COUNTY
149 acre potato & vegetable farm, 75 T, featuring lovely remodeled home with modern kitchen & bath, formal dinigroom, large livingroom & 5 bedrooms 70 x 90 bank barn potato storage, also marketable timber All for **$165,000. #288.**

LEHIGH COUNTY
102 acre steer farm, barn feed lot and silo Large stone house, center entrance, ready to be renovated **$200,000 #145**

JUNIATA COUNTY
NEW
240 acre dairy farm, 160 T, 34 comfort stalls, pipeline milker & bulk tank, 20 x 60 & 16 x 50 conc silos with unloaders, modern 2 story home A going operation, very nice **$280,000.**

10 acre w/lovely Cape Cod 8 room & 2 baths, full basement in a very nice setting, excellent for hunting or vacation home, nice view, **$65,000. #283.**

LUZERNE COUNTY
18 acre country estate hide away featuring lovely New England Colonial home with modern kitchen, diningroom, livingroom w/fireplace, 6 bedrooms & 4 baths with a nice setting & large barn All for **$140,400.**

CARBON COUNTY
135 acre dairy farm, 90T, 21 stall barn w/[SALES AGREEMENT] with new additional freestall barn, mode[SALES AGREEMENT]me featuring modern kitchen, 2½[SALES AGREEMENT]edrooms Also other outbuildings b[SALES AGREEMENT]d road A nice farm, **$215,000. #282.**

SOMERSET COUNTY
NEW
196 acre dairy farm, 140 T, 60 tie stall bank barn w/new pipeline & bulk tank, lovely victorian home with large kitchen, DR, LR, study, 4 bedrooms & bath, 20 x 60 conc silo with unloader, large Quonset machinery shed & other outbuildings, good ground, 100 acres available for rent, **$275,000. #296.**

POTTER COUNTY
40 acres of mountain land, 10 acres open Remainder woodland, borders on hard road one side. **$20,000 #109.**

TIOGA COUNTY
OWN YOUR OWN VALLEY, 784 acre dairy farm 590 tillable, 110 good pasture w/nice stream & remainder woodland with 100 plus freestall barn, automatic feeding system, double 6 Herringbone parlor, 1700[SALES AGREEMENT]l tank storage, (2) 20 x 60 Harvestore[SALES AGREEMENT]s, bank barn & 3 houses, M[SALES AGREEMENT]n 1½ story 12 room home wi[SALES AGREEMENT] new bath Second house is 2½ story with modern kitchen & bath, 3 bedrooms, living room & dining room Second bank barn for heifers & hay storage, & a third house 2½ story 8 room & bath Much more, all for **$475,000. #263.**

COLUMBIA COUNTY
NEW
204 acre jug milk farm featuring two homes Main house - 12 rooms & bath with all modern conveniences Second home - 2 story, 8 rooms & bath Both in excellent condition 130 freestall barn with auto feeding, parlor, milkhouse & holding area, 26 x 70 concrete silo, 20 x 30 harvestore & (5) 12 x 45 silos New dryer with 11,000 bu. storage bin, large equipment buildings, 4 car garage, sales store, walk in cooler Also a full line of modern equipment including 4 tractors, skid loader, combine & 136 cattle A very nice operation **$410,000**

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

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100 Dairy and cash crop farms for sale. Central New York. 50 - 200 cow farms with 100 acres to 1000 acres. Send for our free farm list or call collect for an appointment after 8 PM or before 8 AM.

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CENTRAL PENNA. FARMS

CUMBERLAND COUNTY

165 Acre Limestone Dairy, 60 tie stalls, 20x60 silo, pipeline milker, large modern brick house, fantastic spring and creek frontage.

130 Acre Limestone, no barn, large elegant 2 story modern fra... center hallwa... 2 working fireplaces with 150 yard set back.

SALES AGREEMENT

122 Acre Limestone Beef, (easily converted to dairy) deep fertile relatively rock free soil, 2 barns (1) 50'x130', 20x70 silo, large modern double brick and stone house with special charm, (8) fireplaces, large never failing stream.

86 Acre General. Estate style setting within 20 minutes of Harrisburg. Fertile gentle rolling land, solid bank ...rming modern fra... surrounded by trees, ...ntage, creek frontage and several small streams.

SALES AGREEMENT

84 Acre Limestone no barn, solid 2 story brick house w/fireplaces for restoration, secluded.

FRANKLIN COUNTY

132 Acre General, fertile limestone - relatively level and rock-free, modern 2 story frame home, bank barn, silo & other buildings, all 100 yards from paved road, never failing stream.

HUNTINGDON COUNTY

245 Acre General, highly productive land with gentle slope Full se... of farm buildings, solid well presc... elling. Ideal to develop moderr... livestock enterprise. Beautiful setting between 2 mountain ranges, several streams.

SOLD

100 Acre General, smooth fertile land with gentle slopes, large farm pond and several streams Solid 2 story semi-modern log house, bank barn and other small buildings, all need TLC. Ideal as livestock farm within minutes of Raystown Lake

65 Acre bar land, ideal for development.

JUNIATA COUNTY

37 Acre Gravelly Shale Poultry Farm, 24x88 2 story building, bank barn, and other out buildings all in good condition. 2 story modern frame home, strong never failing stream.

PERRY COUNTY

105 Acre Limestone Hog, fertile rolling land with little out cropping A 24 stall farrowing house, 36x60 barn, modern 2 story 4 bedroom brick dwelling, fantastic spring.

21 Acre Open & Woodland. Ideal for estate type residence, farmette or hunting camp.

YORK COUNTY

95 Acre Dairy, 60 free stalls, double 3 milking parlor, 2 silos, implement shed, modern frame house, farm pond and strong stream

JOHN B. NIESLEY REAL ESTATE
REALTOR
32 West High Street
Carlisle, Pennsylvania 17013
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JAMES A. TWIGG - Franklin County
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254-9261 Home
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717-734-3673

REAL ESTATE

REAL ESTATE

FARMS FOR SALE

Lebanon County

Choice 170 acre farm in Palmyra area; zoned light industrial and agricultural. High state of cultivation. Old stone house and barn; nice setting, stream, lots of road frontage. Owner financing to qualified buyer.

Tioga County - Spring Possession

172 Acre Dairy Farm with 2 houses, modern conveniences in both, large L-shaped barn, 40 stalls with stable cleaner, 20x40 Harvestore, 16x40 concrete stave silo, 20x30 wooden silo, 530 gal. bulk tank, 85 acres tillable, 10 acres wooded, balance pasture. A nice farm in a dairying community, $185,000.

LAND FOR SALE

Clinton County

Hunting camp site. 109 Acres Secluded. Borders State Gamelands. No camp near: Excellent Hunting $600.00 per Acre

Mifflin County

87 Acre tract of Mountain land, excellent for hunting, $45,000 (or 40 Acres - $22,500.)

Jesse D. Ziegler 717-866-5085
Judy Rogozinski 717-274-3550

DR MEMBER TREND
Dominion Realty, Ltd.
1248 W. Main St., Ephrata, PA
717-733-6501

MAILBOX MARKET

MAILBOX MARKET

For Sale- 1 Reg Yorkshire boar hog, 17 mo old, must service, aggressive, but gentle, York Co 717-259-0072

For Sale Portable log splitter, 2 stage pump, 5 hp engine, 19,000 lb force $650 717-656-7273

For Sale- 400 amp DC GE welder with Wisc engine on cart, will sell as unit or welder only, Emanuel B Lapp, Rd 1 Box 258A, New Holland, PA

Wanted- Double acting hyd valve for 3000 Ford also complete PS assembly for 3000, call between 6 & 8 a m or p m 215-445 5697

For Sale- Set used Industrial crawler tracks, 36 pads each track, $350, Lancaster Co 215 445-7132

For Sale- 15 hp Wisc motor, model TFD for baler, belt pulley for AC WD tractor, Bucks Co 215 536 9672

Wanted- 6 ton 2 axle tag a long trailer, Berks Co 215-326-3834

Tree ripened citrus grown natures way without pesticides, herbicides or chemical fertilizers, to place orders call 717-442-4949

For Sale- JD Model B, good running condition $600, Ford 2N exclient condition with 6' sickle bar & 6' blade, $1850, Chester Co 215 388 4810

For Sale Int loader, 16' truck body, corn stalk chopper, 3 pt plow, 10 ft Int idsc, Int planter, delivery available, Schuylkill Co 717 345 4109

Wanted TD6 or TD9 with PTO and hydraulics, wheel weights for 3010 utility tractor, 717 776 7636

For Sale JD 1240 plateless corn planter, monitor dry fertilizer, insecticide attachments, excellent condition, 3 ton metal feed bin on skids, 22 stanchions & water cups, Franklin Co 717 328 3429

MAILBOX MARKET

For Sale- 2 row Lockwood potato planter with extension on fertilizer and seed boxes, 717-235-1700

Give away to good home- Labrador- German Shepherd pups, also 8 mo female, excellent hunting background, Sale- open Holstein heifer, Chester Co 215 948 3884

For Sale- IH Combine, SPVC 125 with 12' grain head, bin & auger, IH 45 4 row potato planter, call after 5 p m Columbia Co 717-784 7649

For Sale- 20 straws of 40H96 Astronaut Semen $125 per straw, Peace Valley Farms, Franklin Co 717-375-4581

For Sale- 5 Reg Hamp shoats $40, Registered Hamp bred sow, $250, 3rd litter, all are wormed and sprayed, 717-264-3127 Franklin Co

For Sale- MF 880 auto reset 6 bottom 16' plow with on land hitch, MF 520 12 ft transport disc, duals for MF 1080 or 1085, all like new, Franklin Co 717 328-3429

For Sale Sear's Steam cleaner, rebuilt pump, 100 lb steam, very good condition $400, Triumph motorcycle, 500cc, MX, trail only, low time $500, Del 302 328-2985

For Sale No 432 meat grinder with ¾ horse motor, Lancaster Co 717-529-2746

Drill press for Sale- Prentice Bros floor model No 3, tapered chuck $200, 717 872 7956 Lancaster Co

For Sale JD 700 no till planter, fully equipped, plated 500 acres, reason for selling, going to 6 row $6500, Cumberland Co 717-423 5503

Wanted to Rent dairy farm, suitable for 60 100 head of cows, Call 9 a m 2 p m or after 9 p m 301 457 5256

For Sale 1975 Ford Elite 28,000 miles, excellent condition with extras $3000 call 717 437 2811 Montour Co

MAILBOX MARKET

For Sale 248 waterers, 4 250 ft feeders, 60 gas stoves, 24-36' fans, 60 KW generator, 4 13 ton bins, 717 898 0444

Wanted Large storage tanks, over 1000 gal round or square or large diameter pipe, reasonable, Dauphin Co 717-944-1122

For Sale Antique gate-leg dropleaf table $275, antique solotone victrola $100, both in good condition, Lebanon Co 717-865-2467 or 865 5132

For Sale- Jersey bull, 11 mo old, can be registered $300, Berks Co 215-856 7331

For Sale- Prowler 17' travel trailer, awning and extras, good condition 215-286-5885

For Sale- 40 ton timothy hay, 30 ton oat and wheat straw $50 a ton each, 717-799-5267 after 5 p m Columbia Co, PA

For Sale- Clay barn cleaner chain, 120 ft CCW for a 16" gutter, good condition $1 50 ft 717-524-4901 Union Co

For Sale- JD 494A 4 row corn planter, disc openers, insecticide hoppers, $850, 7 tooth chisel plow, 717-866-5093

Registered border collie puppies, working bloodlines, they make excellent working farm dogs, $75, Columbia Co 717-925-6576 also black sheep for sale

For Sale- Farmall 560 tractor, WFE, FH, very good, IH 56 4 row corn planter with dry fertilizer & insecticide attachment, very good, Juniata Co 717-694-3684

For Sale- 1975 Chevy rear and 8 ft Fox trailer, good for hauling firewood, $675, Dickson wood coal heater, new $589, Perry Co 717-444-3344 eves & weekends

For Sale- 1 400 gal Dari Kool bulk milk tank, good condition, also 30' windmill tower, very good condition, Haverford Co, MD 301-692-5184

For Sale- Glenco soil saver, 7 tooth chisel plow $3000, Lely wheel rake $250, 717-776-5672 Cumberland Co

For Sale- Butcher furnace, F B Bentz, 2 lid 36"x62", Cumberland Co 717-486-3951

For Sale- Oil Gun motor, $30, 1 circulator motor $20, good condition, both $45, Montgomery Co 215-489-6164

For Sale- 12 set 14 9x38 tractor tires, mounted on MF power adjust rims, tread about 75% $200, also Case farm duty loader off of Case 630 tractor $200, Lancaster Co 215 445-5898

For Sale Myers pump jack, excellent condition $70, York safe and lock hog troughs, $30, 717 428-1256 York co

For Sale Firewood saw, NH sawbuck belt driven by Farmall C engine, movable, excellent condition, real work machine for the serious wood cutter, 215-445-6561 after 6 p m Lancaster Co

For Sale- JD manure spreader, PTO, Ruth A Diehm, Rd 1, Gap, PA 717-768 8781

For Sale Suburban wood stove with automatic fan to circulate heat, like new, used 1 mo $225, 717 768 8169

For Sale Front mount scraper blade fits JD 40 tractor with wide fornt, also PTO shaft for 800 series Ford 717 786 3243 Lancaster Co

For Sale Brillion cultimulcher, 15 ft wheel inside $1300, JD semi mounted 3 14 plow, $550, Lancaster Co 717 653 5733

Bros Ind truck or jeep, snowblower with Wisc VG4D power unit, drive shaft, controls, mounting frame, good condition $1800, York Co 717 757 2960

MAILBOX MARKET

For Sale- Mobile Farrowing house with triple axle, 10 crates, built in oxidation wheel type manure system, thermostat controlled, auto watering, Montg Co 215 723 9015 6 8 a m

Wanted- Fast hitch wide front end for Farmall MTA, also any kind IH fenders, Lancaster Co 717-354-5094

For Sale- JD 350 plow, 5 bottom 16" trip bottom side hill hitch, 717 665-6460

For Sale- By owner, 3 acres of prime farmland near Ephrata, Lancaster Co For information 717-733-0264 after 6 p m No Sunday Calls

For Sale- Marx Train set plus platform $35, 20 yr old, Hobart portable welder, 250 amp hitch type, excellent condition $900, excellent rubber tires on trailer, 717-799-5495

For Sale 10 ft meatcase to be sold at David Good Sale Feb 6

Wanted- SP 22 milker pump with or without motor, fore truck with PTO engine for hay crimping, etc Eli Zimmerman, Box 568, Reinholds, Rd 1, 215-267-4838

For Sale Saddlebred mare, bred to saddlebred due in June, 8 yr old, Bennie M Kauffman, Rd 1 Box 285, Christiana, PA On Sam Kauffman Farm

For Sale- 2 hot water heaters, 30 gal gas, glass lines, 20 gal electric, 110V, good condition, no leaks, $25, York Co 717-225 1396 8 a m - 12 noon

For Sale- Late model JD Cyclone B, overhauled and 4 new tires, MH 44 diesel, 2 small disc harrows, Adams Co 717-528-4914

Wanted- 2 row corn planter with fertilizer attachment, also hay mower and rake, Lancaster Co 717-872-2596

For Sale- JD 530 tractor, good condition 215-267-6427 Lancaster Co

For Sale- AMC Girl's 3 speed bicycle, very good condition $50, Underwood typewriter, used very little, new ribbon included $85, Noah W Leid, Rd 1, Leid Rd, East Earl, Lancaster Co, PA

For Sale- Firewood, sawed and split, any size lots, Enos B Stoltzfus, Rd 1 Box 331, Christiana, PA

Wanted- 8 ft pickup camper, must be in good condition with stove, heater, icebox, plus sleep 4, will pay up to $600 for late model, Columbia 717-684 6340

For Sale- 1973 Corvette, blue 350 auto AM/FM radio, air, power windows, radials, 33,000 miles, excellent condition 717-426 2655 Lancaster Co

For Sale- Myers 400 gal trailer sprayer, aqua jet field head, has bad fan motor, Lancaster Co 717-786-4692

For Sale- 6 8x6 Smidley hog houses, used very little, Lancaster Co 717-665-3060

Farm for Rent Cash or shares, Lititz area, 717-569 1530 Lancaster Co

For Sale- 1 Grade Belgian mare, 6 yr old, broke, approx 1600 lb $1500, 1 buggie horse, 6 yr old $450, Henry D Byler, Rt 2 Box 328D, Dover, DE 19901

Belsaw circular and chain saw sharpener in good condition, also sharpens knives, scissors, chisels, etc John L Fisher, 187 Cattail Rd, Gordonville, PA 17529

For Sale- NH 68 baler with thrower, $1200, also hay wagon with new 6 ton running gear $800, Centre Co 814 237 2367 eves

For Sale Used JD 350 4 btm 16 auto reset plow with coulters and side hill hitch, 717-463 3270

MAILBOX MARKET

For Sale- JD 346-347 2 row 3 pt corn planter, $324, JD 24T baler with No 2 kicker, $950 and 12 4x34 rear tractor tires, 50% tread, best offer, Lancaster Co 215-445-4637

For Sale- 6 yr and 9 yr sorrel mule, well broke, Amos H King, 217 S Groffdale Rd, Gordonville, PA

For Sale- Good used storm front carrige, Sadie Petersheim, 3467 Harvest Dr, Gordonville, PA 17529

For Sale- 73 Chevy pickup $1500, 65 Chevy, Reg /freezer truck, $500, can cooler milk cans S S sink, Holtwood, 717-284-2456

Franklin stove for sale, used one season and in perfect condition $95, 717-786-4058 Lancaster Co

For Sale- 318 bu NI tandem axle, single beater, manure spreader, good condition $1950, 717-632 9144 Adams Co

Wanted- Used hammermill, Raymond or other, electric drive, State conditin and price, York Co PA 717 632-6100

For Sale- Vacuum pumps, Surge Alamo 50 with 2 5 hp Boumatic with 3 hp Motor, 60 CFM, Call after 7 p m 717-263-5986

For Sale- 2 Myers 6" stroke pump jacks $80 each, 1 milk porter Sputnik $850, 2 S S Strainers $25 each, Clinton Co Mark S Stoltzfus, Rd 1, Box 130B, Mill Hall, PA 17751

For Sale- JD 3 pt all instruments and more, price negotiable, cash/terms, more information, Lancaster Co 717-684-8915 or 299-4242

For Sale- 4 row Gandy insecticide unit to fit most planters, new still in boxes, Wanted- Starter and 2-3 bolt on weights for JD 620 tractor, Snyder Co 717-658-2766

Free- 100 bu crates, need repair, good to start fire, Amos Z Hoover, Ephrata, PA, Rt 2, Lancaster Co

For Sale- York cross boar, 220 lb $100, 717-653-5630

For Sale- 12 5 KW Winpower generator on wheels, 1939 AC tractor with cultivators and snow plow, 717-665-3393

For Sale- AKC Cocker puppies, Buff & Reddish Blonde, Lancaster Co 717-665-4718 $75

JD 820 tractor, frt end loader, 2 btm plow, disc harrow, 3 pth, 600 hrs, owner died, wife must sell, all excellent Pike Co 717-857-1642

For Sale- NI 329 super sheller, JD 55 combine, JD G tractor, NH bin extension, fits 985 combine, Wanted- NH 30corn head for 975 combine, S Lancaster Co 717-529 2538

For Sale 1973 Miley 2 horse trailer, excellent condition $1600, spring wagon $800, top carriage $850, beautiful standardbred mare, drives, rides $600, Berks Co 215-845-7421

For Sale- Wire corn crib, $190, weed burner electric fencer, like new, $25, oil stove, good condition $85, straw and hay, no rain $60 ton, Lancaster Co 717 529 6316

For Sale- 20 mo old Registered bull with pedigrees $800, 717 656 8380

To be sold at Good's Auction Feb 6 2 bottom JD plow, 2 horse drawn barn yard scraper, both on steel

For Sale ¾ size violin, bow & case, all for $100, pickling crock & bottle, make offer, skis for man fit boot size 6-9, all like new, size 7 buckle ski boots, worn twice, make offer, Lancaster Co 717 569-3958 Lancaster Co

For Sale- 8 ton wagon gears, Feb special $370, Ivan G Hoover, Rd 4, Ephrata, PA 717-354-0595

MAILBOX MARKET

For Sale- Horse drawn sleighs and buggies and horse related equipment, 301 398 5696 after 7 p m Cecil Co, MD

Wanted- Saddle mule to ride or drive, Robert C Lea, Jr, Langshaws, Queen Anne, MD 301-822-0021

For Sale- Calf hutces, $35 each, 7 metal calf stalls $25 for all, Sears Humidifier $60, 717 933-8046

Wanted- Chicken house windows, ap 35¼Wx34½H over three, need about 100, give condition and price, Box 4, Parker Ford, PA 215-495-7748

Guaranteed Stud service- $50, fancy registered Belgian, must see to appreciate, John L Stoltzfus, Box 125B Cochranville, PA 19330

For Sale- Reg Duroc boars, validated and psuedorabies free, Lancaster Co W F Ruoss & Sons, 126 Irene Ave, Ephrata, PA 717-733 2310

Wanted- Incubator, anywhere up to 5000 eggs, electric, Joseph A Longstreth, 7809 Brookfield Rd, Cheltenham, PA 19012

Fox Terrier stud service 717-354-7186

For Sale- Peafowl, 6 cocks, 1978 hatch $50 each, also 1979 chicks, $10 and up, Westminster MD 301-876-1235

For Sale- Reg Angus bulls and heifers, Orange Gate Angus Farm, Maurertown, VA 22644, 703-459-3414

Wanted- 200-300 gal holding tank, meat grinder, 30 gal S S barrels, castors, S S 6 ft table, ratchet press, S S sink, 215-862-9148 10-5

Yorkshire Service age boars, Red Run Farm, Rd 2, East Berlin, PA 17316, 717-292-4634

For Sale- E-Z flow gravity box on E-Z trail 10 ton chassis, like new, $1500, 5"x18" auger $120, and 6"x12' $100, both like new, Washington Co 301-739-3241

For Sale- 22" Frick threshing machine, belts included $800, A 6' No 9 horsedrawn grass mower, both real good condition, on steel, Snyder Co Norman S Martin, Box 41, Rd 3, Selinsgrove, PA 17870

For Sale JD 35 harvester with pickup head and 1 row corn head, 1000 rpm or change to 540, Cumberland Co 717-258 6247

For Sale 2 row 3 pt hitch JD corn planter, $200, Lancaster Co 215-286-9158

For Sale Monarch kitchen range, combination coal and electric, can be used with or without electric, fairly good condition $175, 717 272-1415 after 5 p m Lebanon Co

For Sale Standing corn, planted in July, Harford Co 301 452 5125

For Sale- JD 105 diesel combine, 200 gal 3 pt sprayer, 66 Ford Dumptruck, 73 Ford pickup, all prices, Reasonable 609 451 0508 Cumberland Co

Commercial type meat grinder with 4" head, $400, Rock Tavern, NY 914 564 1208

For Sale- Alfalfa & orchard grass mix hay, Alfalfa and alfalfa silage, 301 842-3324 Washington Co, MD

Wanted- Fertilizer attachment for 2 horse cultivator, also 2 horse No 9 Mower with 5' cut, Manilius Ray Miller, Rt 2 Box 110-A, Wyoming, DE 19934

For Sale- 4 7 00x1W00 heavy duty tires, mounted on 5 lug Intl wheels, 2 regular tread and 2 mud grips, used approx 100 miles, $100 all 4, Monroe co 717-992-6478

MAILBOX MARKET

For Sale- 2 Reg Guernsey cows, due shortly 717 264-7919 Franklin Co

For Sale- Large quantity firewood, Wanted- Junk machinery, David Nissley, Paradise, PA 717-442-8186

For Sale- First and second crop alfalfa hay, by the ton or by the bale, Melvin E Lapp, 279 Strasburg Pike, Lancaster, PA 17602

For Sale- Alfalfa hay, 1st & 2nd cutting, any amount, Dauphin Co 717-566-8726

For Sale- 3 yr old Belgian gelding, well broke, John E Lapp, Rd 1, Newburg, PA Cumberland Co

For Sale Feeder pigs, 50 lb $ 54 lb 717-733-0575 Lancaster Co

For Sale- 45-60 lb feeder pigs, David B Zook, Rd 2, Myerstown, PA, south of Country House Restaurant along 501

For Sale- Oliver 60 for parts, 6 speed trans, Cumberland Co 717-423-6390 after 6 p m

Wanted- 7 ft extension for 352 NH grinder mixer, unloading auger, will sell, 3 ft extension, 717-653-2325 Lancaster Co

For Sale- House trailer 12x60 used for construction office, wired for 220 amps, has heat and bath $800, 1965 Ford Fairlane good condition $350, 302-994-0991, after 6 215-444-1490

For Sale- AKC puppies, collies, Peek-a poos, Cockers, Golden Retreivers, German Shepherds, Siberian Huskies, Samoyed, Alaskan Malamutes, Labrador Retreivers, St Bernards, Lancaster Co 717-548-2743

For Sale- GM Delco Boiler, complete with motor and thermostat controls, and baseboard heat through 9 rooms, best offer, elec water heater, Henry S King, Box 334, Rd 1, Christiana, PA

For Sale- 710 Int 5x18 plow $3500, JD 3 pt 4 row cultivator, $800, 717-258-3632 eves

Wanted- New or used storm front market wagon, and/or spring wagon, state price and condition, all replies answered, T Holliday, Rt 4 Box 244, Waynesboro, TN 38485

Top Quality Hay, Straw, Oats, Steer hay 140 per ton and up, mulch hay, Call before 7 a m or after 7 p m 201-735-8389 or 201-735-4408, days 201-735 8865

For Sale- IH 56 4 row corn planter with fiberglass boxes and insecticide boxes and monitor, set 18 4x34 tires, tubes and rims, 215 345-1909 after 7, Bucks Co

For Sale All size silo roofs at reduced cost, 717 687-6672 or 687 8290 Lancaster Co

Wanted- Run down farm with acreage within 50 miles Center of Phila, used tin scraple pans $ 20 each, 215-M07 5329

White 540 corn planter, 6R 30" $1200 or best offer, 75 Chevy pickup, trailering special, 14,000 GVW, 454 with air, 717-386 5696

For Sale 50 Chevy station wagon, 6 cyl, rare model, make offer, Montg Co after 6 p m 215-933 2469

Wanted to Rent- Farmland in Berks, Lehigh or surrounding area, Top prices paid, 215-756-6269

For Sale- Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines, Willow Glen Farms, Rd 2, Strasburg, PA 717 786 2562

Fine Selection of pleasure Tennessee walking horses, $800-1200, quality yearling and weanling colts, At Stud Senator's Thunder, black and beautiful, 215-267-7311

MAILBOX MARKET

For Sale- AKC male beagle, well bred, black blanket, 6 mo old, $50, 717 626-5389 Lancaster Co

For Sale- 1974 Ford F-100 wide spoke wheels and tires, PS and brakes, AM/FM/8 track radio $1400, cap $150, 717-659-5297 Tioga Co

Wanted- JD 5 mower, John Wanger, Albany Post Rd, Wallkill, NY 914-895-2747

For Sale- 10 oak feed troughs, 12 ft x2 ft wide, Columbia Co $10 each, 717-437-2222

For Sale- 16 ft flat dump body $400, Int hyd disc harrow 10 ft $400, Bucks Co 215-598-7546

Wanted- 2 Perry harrows, 22 or 24 tooth, must be in good condition, Jonas S Stoltzfus, Rd 1 Box 13, Honey Brook, PA 19344

Wanted- Good used hog feeder, Aaron K Smucker, Box 188, Rd 1, Strubel Rd, Strasburg, Lancaster Co PA

For Sale- Charolais, 4 purebred cows, 1 bred heifer, all have French Breeding, 717-734-3761

For Sale- JD 430 crawler with loader, good condition $4000 or best offer, Union Co 717-922-1739

For Sale- NH 259 roller rake, rubber teeth $1195, 250 Ford pickup, new inspection $895, year a round cab, 666 IH hydro diesel, 840 hrs $8500 717-354-0266

For Sale- Pair of 24 5x32 Firestone pulling tires on 9 hole center rims, hard and sharp, weigh 540 lb Somerset Co after 7 30 814-629-6034

For Sale- AC 3 bottom snap coupler plow, 387 bottoms, gauge wheels, AC 2 row cultivators, fit models C or CA 607-775-4359 Broome, NY

For Sale- AC round hay baler, A1 shape with motor, 814-349-5514 Centre Co

Wanted- Used hot bed sash, any size, Salem Co after 6 p m 609-769-2125

Black Angus breeding bull, 4 yr old, $1000, May Tay Wee Farms, Gloucester Co NJ 609-694-3043

For Sale- Gehl 72C flail chopper, like new, also 14 ft silo unloader, augers for Feed Easy or Van Dale, Berks Co 215-777-6841

For Sale- 96 acres, can be farmed or developed, DER approved, Twp approval on preliminary plan, also Bi-Level on lake near Gettysburg, call after 6 p m 717-334-6847

Wanted- Staves and hoops for 14 ft diameter Lancaster silo, No Sunday Calls, 717-292 6361

Wanted- Child's large pony trained to ride western and pleasure drive, over 12 2 hands but not over 55" at wethers, must neck rein and know leads, 717-263-0141 Franklin Co

For Sale- 465 acres Ohio River Frontage $550,000 25,000 lb tobacco base, dairy, timber, sand and gravel, 1840 home, 4 barns, tenant house, color brochure, Betty Jo Raush, Rd 1, Conestoga, PA 717-872 7295

For Sale 200 gal Sunset bulk tank with oversize compressor motor, top condition, H Lent, R 1, Penn Yan, NY 315-536-4540

For Sale 325 lb roll laminated foil plastic paper, 24" wide for meat wrap or vapor barrier, Hunterdon Co $60, 201-996 2912

For Sale- Red gooseneck cattle trailer, 16'x8' box x 8' calfbox x6' high, tandem axle 4 wheel elec brakes, new condition, $2500, Mifflin Co 717 935 5223

MAILBOX MARKET

For Sale- 12 ton General Tagalong trailer, 4 Bou-matic pail milkers and vacuum pump, Kesco Milkmover, Cumberland Co 717-532-7619 or 532-2535

For Sale- Identified grade cow due third time, first 2 records 21,000 and 24,000 milk, Franklin Co 717-597-3770, 328-3530

For Sale- Dairy goats, 5 does to freshen Feb, American Togg, reasonable, Mary Davis, 215-689 9329

Goats For Sale- 2½ yr old mixed doe with 4 mo old doe kid, $40 for either or $70 for pair, reg Nubian yearling buck, $125, Reg Nubian doe due in Mar $200, S Lanc. Co 717-284-2064

For Sale- JD A tractor for parts $300 215-799-3147

For Sale- 3 yr old Saddlebred horse, needs work, also 52 gal hot water heater, used ½ yr $80, Isaac K Esh, 2701 Stumption Rd, Bird-in-Hand, PA

For Sale- Service age bull Sired by Hillhaven Standout Job from VG88 Apollo dam with over 30,000 lb milk and 1050F, Several other service bulls available, 301-346-7326

For Sale NI 751 hay conditioner, $225, NI 4 bar hay rake with tedder, $175, JD B with cultivator $600, 215-262-2659

For Sale- High quality mixed hay and straw, no rain, good color, Bradford Co 717-884-6311

For Sale- Portable sprayer 200 lb pressure moves 2 gal per min effectively, like new, $230, wt 55 lb Jacob Z Smoker, Rd 2, Loganton, PA 17747

For Sale- New 8½ ft Millers offset disc $5500, 550 Oliver gas with Kelly loader and 80" snow bucket, $3500, Huntingdon Co 814-448-2282

For Sale- 13 mo old Holstein bull, sire Milu-Betty Chief, dam 18,000M 3 7 $750, R E Morris, Fawn Grove, 717-382-4592

Wanted- AC 170 or late model D17 tractor, also pulley for D17, 717-653-4288

For Sale- Reg Holstein bull, 13 mo by Marvex, Dam 4½ Rocket, Gr Dam, 800 lb VG Ivanhoe Star $1000, Arnold Acres, 717-274-2317 or 272-9973

For Sale- Hay, poor quality, at the farm, large bales, can be used as straw, unlimited quantity, York Co 717-292 4154

Wanted- 202 NH manure spreader, ground drive, Lancaster Co, Henry Beiler, 129 S Maple Ave, Leola, PA

For Sale- 1972 Chev pickup for parts, front end smashed, good 250 engine, bed cab, etc 717 733-6783 Lancaster Co

For Sale- Monarch wood range Enamel with warming closets and water tank, in excellent condition, $500, 717 786 3721

For Sale- Farmall 400-450 diesel parts, head, block, crank shaft, trans, gears axles, & PS, hyd pump 400-450 MTA gas 412-646-4691 Mercer Co

For Sale- 93 acre farm, 8 room house, large barn, tobacco shed, room for 9 acres, by owner, No brokers, Lancaster Co 717-653-5058 between 6 & 8 p m

Young couple looking for 50+ acre tillable farm in York Co, would trade small farm or buy at reasonable price, 717 266 4638

For Sale- 1977 XLT Ranger F-150, automatic, 4 wheel drive, snow plow, good condition, 215 942-2381 Chester Co

MAILBOX MARKET

Wanted- 1 or 2 hundred gal trail type field sprayer, Montg Co 215-323-5166

For Sale- Horse drawn corn planter, works well $75, JD 9 sickle mower, like new, $600, Frederick Co 301-775-2066 after 7 p m

For Sale- Choretime air system, complete with fans and controls for hogs or chickens, approx $3700, will sell $1700, Wash Co MD 301-842-2029

For Sale- Mixed hay, 1st & 3rd cuttings, by the bale or ton, near Knavers, Berks Co 215-777-8120

For Sale- JD 2640 tractor, 1968 JD 45 sq back combine with 10 ft pickup reel and 235 corn head, cab, new belts, new engine, A1 shape, JD 4 row corn painter with insect attach, 215-584 6141 Montgomery Co

For Sale- Building lots, Daniel L Lapp, 3055 Irishtown Rd, Ronks, PA

Farm House for Rent Reaasonable, Amish preferred, Elmer F Petersheim, North Weavertown Rd, Ronks, PA

Wanted- Small 10 key adding machine, electric preferred, reasonably priced, Berks Co 717-933-4318

Wanted- Cab to fit IH 303 combine, cab and front end loader to fit JD 4010 tractor, 3 pt hitch for JD a, 60 or 620, Monmouth Co, NJ 201-449 3459

Wanted- Pull type 7 ft cut harrow, Gloucester Co, NJ 609-589-6437

For Sale- Brower Whirlwind Feed mixer, upright sweep type, good condition $100, Factory rebuilt 292 Ford motor $275, 301-556 6124

For Sale- 1967 Firebird, Silver with black interior, immaculate, has 1973 350 cu in engine, automatic trans PS, PB, Chester Co 215-932-4728

Wanted- Antiqua lace by the yard in good condition, Stephanie Blythe, 1740 deep Run Rd, Whiteford, MD 301-452-5309

For Sale- Big Red post driver, NH bale thrower, JD transplanter, IH 249 2 row corn-planter, IH fodder cutter, 301 452-8673 Harford Co

For Sale- NH super 66 baler with PTO thrower, working condition $700 or best offer, Harford Co 301-452-8646

For Sale- Approx 2500 bales alfalfa, 1500 bales mixed grass $50 per ton at barn for lot, approx 15-20 tons ear corn $70 pe ton at farm 301-692-6738 after 8 p m

For Sale- 5 Goodyear 10x15 L T tractor A T mounted on Dodge pickup wheels, 1 White mountain 4 qt electric ice cream freezer, 717-432-4597 York & Adams Co Line

For Sale- IH 412 4F trip semi mounted plow, No 114 NI spinner fertilizer spreader, S S bottom 3 ton, gas or electric, pump jack and pump 717-547-1790 Lyc Co

For Sale 4 row 494 JD corn planter, $385, 2 row MM corn picker $875, 717-469 2632 Dauphin Co

Wanted- Large standardbred mare with lots of snap, also a carriage Jake Lengacher, Rt 1, Port Treyorton, PA

For Sale JD 1300 corn planter, 4 row narrow or wide, double disc openers, monitor, plateless insecticide, bean attachment, Berks Co 215-777-0052

For Sale- TD6 crawler with PTO and front end loader, Union Co 717-523 3026

For Sale- Int hay tedder $75, NI 7 ft cut, pull type, $250, 717-458-5970

ANNOUNCING

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WEEK OF FEB. 4 THRU 9

SPECIAL SALE ON EQUIPMENT

$400 OFF
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Farmall 756D
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Int 3400 Loader Backhoe (Low Hours)

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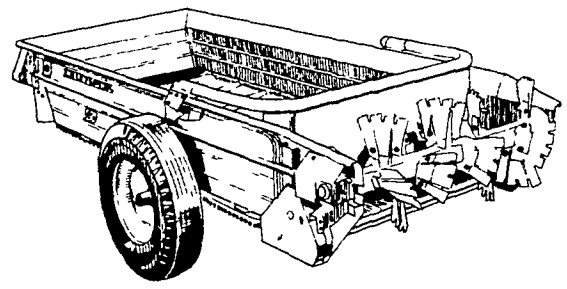

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USED TRUCK SPECIALS
1963 Int. 1800 Flatbed
1973 Int. C01610A Chassis
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1970 Scout 800A
1976 International Scout 4x4
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1975 Chevy Pickup
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SOFT DRINKS

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Allis Chalmers 190 Gas Tractor
Int. 240 Utility
Int. B-275
Farmall 340
Farmall A Tractor & Snow Blade
Int. 464 Gas
Oliver 160(SOLD
Int. 606 Diesel Utility
Ford Loader Backhoe
Ford 860 & Sauder Loader
Int. 700 Plow 4 x 16, Auto - Reset
Int. 46 Baler & Thrower
Int. 46 Baler
New Holland 469 Haybine
Hesston Pt 10 Haybine
Int 110 Forage Box
Dion Forage Box
New Holland 717 Forage Harvester
Dunham Lehr Cultimulcher
Fox IF546 Harvester w/2 row Corn Head & Pickup Attach.

10% CASH DISCOUNT ON ALL IH PARTS

10% PARTS DISCOUNT ON SERVICE JOBS SCHEDULED BY FEBRUARY 9

FREE PICKUP & DELIVERY—50 MILE RADIUS

THESE TRACTORS WILL BE SOLD AT TREMENDOUS SAVINGS TO YOU BECAUSE THEY WERE PURCHASED BEFORE NEW PRICE INCREASES:

★ (1 Only) 584 Diesel 4-W.D.
★ (1 Only) 584 Diesel Row Crop
★ (1 Only) 684 Diesel Row Crop

10% OFF
ITEMS LISTED BELOW
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Farmall H
Massey Harris 33 w/Cult.
Allis Chalmers WD45
Massey Ferguson 3 x 14 3 pt. Plow
Int. 209 2 x 16 3 pt. Plow
John Deere 125 Plow 3 pt. 3 Furrow 16"
Farmall Cub with Rotary Mower
John Deere KBA Drag Disc Harrow
Int. 251 Cornplanter
JD 13x7 Grain Drill
JD Blower
Sauder Loader for MF-20 or Ford 8N
Int. 56 Blower
Straw Chopper for 715 Combine
227 Corn Head for 205 Combine
Oliver 18x7 Grain Drill
Woods underslung mower for Farmall A
Farmall M

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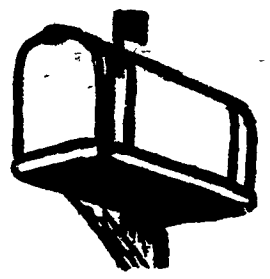

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Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules:

Limit your advertisement to 20 words; area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience; all advertisements must be mailed to the office by Tuesday or same will be held over for next week's paper; no business advertisements accepted.

Include your Lancaster Farming mailing label and mail to:

Mail Box Market
Lancaster Farming
P.O. Box 366
Lititz, PA 17543

No Phone Calls Please

MAILBOX MARKET

Production Hog Sale- Sat Feb 23, 1 00 P M at the farm in Whitehall For catalogs, Calvin H Lazarus & Sons, 4290 Bridge St , Whitehall, PA 215-799-3375

For Sale- Rye $2.70 bu. rye straw, no rain $60 ton, Schuylkill Co 717-385-3362

Free to good home, Border Collie Puppies, father purebred Border Collie, mother half Border Collie, Lancaster Co. 717-665-5480.

Wanted- Heavy duty narrow front post to fit 3020 JD 717-665-2561.

Wanted to trade pickup load of good firewood for 30 bales of good mixed hay or alfalfa within 10 mile radius of Bowmansville, 215-775-1191

For Sale- Good Royal Bride Kitchen Range, outside rough, best offer, Brunnerville 2 kettle furnace top and front, 717 626-4669,

For Sale- JD 3020 diesel, good condition $7000, 10' mulcher $250, also 8 lug mag wheels to fit Chevy, Ford or Dodge $180, 717-865-2022

For Sale- Pony, 10 yr old, Safe for everyone, cart and harness, Jacob E Ebersol, Goshon Mill Rd , Rd 2, Peach Bottom, PA

Wanted- Wide fornt end for AC D15 tractor, Berks Co. 215-682-7075 after 5 30

For Sale- Approx 20 ton good quality mixed hay, make offer, Franklin Co. Daniel U Stoltzfus, Star Route N , Willow Hill, PA 17271

For Sale- Potatoes, 50 lb $2 65, 10 lb $1, Aaron S Nolt, Rd 3, New Holland, S Shirk Rd.

For Sale- Excellent quality first cutting hay, Burge Morris, LaFayette, Onondage Co , NY. 315 677-3222

For Sale- 20 ft Lamco cattle feeder wagon, like new condition, used 1 week, mounted on 6 ton wide track AC wagon gear $1000, Fairman Farms, Clearfield Co 814-371-5570 or 371-2006.

For Sale- Reg springing Holstein heifer, good records on dam, reasonable 717-687-8893.

Wanted- Belt pulley assembly for Massey pony tractor, would buy whole tractor, For Sale- 1976 Ford, F-250 pickup, like new, 717-838-1801.

MAILBOX MARKET

For Sale- IH 2 pt 8½ ft field cultivator, easily converted to 3 pt., also IH 3 pt. 2-16 trip plow, both like new, Bucks Co 215-297-5926

Purebred Suffolk Ram for Sale Aggressive yearling, ready for heavy service $150, 215-681-4369 after 7 p m Monroe Co

Black Sheep, bought and sold, breeding stock, lambs, fleeces and hand spun yarns, York Co 717-229-2202

For Sale- 1969 Chevy ¾ ton pickup, 6 cyl. 3 speed, $695, also 400 bales, 2nd crop, alfalfa, 200 bales oat straw, $1 50 bale, 717-354-8687 after 8 p.m Lancaster Co.

For Sale- Tobacco shed, good condition, York Co 717-252-2938

For Sale- TD 14 Int crawler parts, Lebanon Co 717-865-4961.

For Rent- half of farm house, 3 bedrooms, bath, living room, kitchen, between Gap and Parksburg, John B Zook, Rd 1, Box 145, Kinzer, PA Peters Rd near Springville

Wanted- MF 61 mounted corn picker for parts, Call collect 215-678-5461 Berks Co

For Sale- Husky manure 8' pit or Lagoon pump, agitate or fill 1600 gal in 3 min. $1500, 215-693-5907

For Sale- Hay, first, second and third cutting, Schuylkill Co 717-345-3457.

For Sale- NH 890 harvester, 1000 Rpm with 2 row head and pickup, like new, Lebanon Co 717-838-4012

For Sale- Meatmaker broilers, 10 to 12 lb 3½ mo old, live or dressed, Henry B. Stoltzfus, Rt. 1 Box 152, Christiana, PA 17509 Valley Rd.

Home comfort, cook stove, water back, Reservoir, used stove parts for Prizer, Othello, 3 hp Freon refrigeration unit, 800 16-5 8 ply tires, new, 215-926-3284 Berks Co

For Sale- JD B tractor, hand start, 4 speed, good tread, 1939 or 1950 vintage, $600, Runs good and handles easy, 1972 Oldes Cutlass supreme, PS, PB, air, excellent $1200 215-795-2251 Quakertown area

For Sale- 15 cu ft. 8 yr. old Upright Westinghouse freezer, needs new condenser $20, 717-656-8858 Lancaster Co

For Sale- Good used channel drain tin roofing 23'10" (24 pc) ½ new price, also 3 hp electric motor $50, John R Glick, Rd 4, Quarryville, PA Stony Hill Rd

For Sale- 1978 Ariens gear S-14G hawn and garden tractor with hydraulic lift and 42" mower, very good shape, $1450, Lancaster Co 717-653-1109

For Sale- 5 hp single phase 230 volt Harvestore motor with drum switch $200, 717-354-8959 Lancaster Co

For Sale- 1200 bales straw, $50 ton, 717-672-2383 Columbia Co

Help Wanted on Lancaster Co dairy farm 15 yrs old or older, Cleason N Martin Rd 2, East Earl, PA 17519.

Wanted- Used comfort stalls or Jamesway stanchions, 32 more or less, Mojonnier 500 or 600 gal bulk tank or other popular make, Edwin Leinbach, Rd 1, East Earl, PA

For Sale- Wide front axle to fit Farmall 656, 706, 504, 544, 806, 856, 826, 1026, 666, 766, 868, 1206, 1256, $375, 301-848-8638 after 7 p m.

For Sale- Approx 75 ton good timothy hay, Elizabethtown area $60 ton, 717-367-7207

For Sale- 6 Chihuahua puppies, 1 male AKC Samoyed, 1 yr. old, Benuel M. Fisher, Rd 2, Peters Rd , 3 miles S of New Holland, PA.

MAILBOX MARKET

For Sale- Late model 8N, excellent condition, Wagner loader with hydraulic pump for 9N, 8N or Jubilee, good condtion, 3 pt 2 btm plow, 3 pt disc fair, Lanc Co 717-626-0985 after 5

For Sale- M4000 Kubota tractor with front end loader and Kelly 3 pt backhoe, like new, 450 hrs , make offer, 717-582-4598.

For Sale- Mixed hay, first cutting of clover and alfalfa, 717-367-3112

For Sale- 1973 GMC 10 wheeler with new 13 ft Stoltzfus Lime & fertilizer spreader $13,000, will sell separate, $7000 truck, $6000 spreader box, 717-786-4568 Lancaster Co

For Sale- Alfalfa hay $60 ton at barn, Lancaster Co. 717-687-6171

For Sale- Used NH 355 grinder mixer, like new, $4500, discount for cash, Franklin Co 717-532-4858

For Sale- Wheat straw, by the ton, reasonable price, 717-938-6167 York Co

For Sale- 2 Peacocks, 1 2 yr old 1 5 yr. old, good breeders, 717-442-8013

Tolchester Maryland Estate, lot 120x100, house 24x24, unfinished carport 12x24, metal building 14x12, sewage, water, electric, deer, wild geese and beach, country, asking $16,500, 215-384-9094

For Sale- American saddlebred carriage horse, 1 bay, 7 yr. old, 1 sorrel 6 yr. old broke, the best, Aaron B Reiff, Rd 1, East Earl, PA.

Wanted- Used Howard rotovator 60" to 100", also 1 row transplanter to plant peat pots through plastic, 301-592-9097

For Sale- NH 850 round baler, NH 479 9 ft. haybine, both in excellent condition, IH ground drive spreader, Harford Co. 301-836-3782

For Sale- Approx 300 ft Jamesaway litter carrier track with 1 2 way switch, 1 tub and 1 hoist, also 2 No. 8 Smidley hog feeders, 12 Smidley feeder, Samuel L King, Rd 1, Box 185, Gap, PA.

For Sale- 12' Long disc, $650, Maure pit pump for 12" pit, $1150, 717-733-4313

For Sale- IHC 470 disc harrow, 19' with mulcher attachment, 10' Gandy applicator for use on 10' disc harrow, 717-425-2638 or 758-6491

For Sale- 300 lb. feeder or stock bull and pulley for MF 65 tractor 717-949-3842

For Sale- 16" Oliver steel plow, bottom complete, used very little, Isaac H Zook, Rd 2, Myerstown, PA 17067

For Sale- Commercial breeding stock, 15 sows and 2 boars, 3 way cross, due within 4 weeks, $200 each or best offer, Berks Co 215 756-6723

For Sale- Int disc, 32 blade, excellent condition $350, JD 620 3-14" plows, $450, call 201-995-7242 Warren Co

Chicken plucker, all stainless steel, 2 hp motor, $350, Trade for 10 or 12 gauge goose gun, Lehigh Co 215-679-7448.

For Sale- Hay by the ton, Alfalfa and timothy mixed, Harvested young, no rain, 215-857-5604

For Sale- Cast iron Sunshine cookstove, Black, warming oven and water back, good condition, 215-582-2158 Berks Co

Wanted- Herd of 30 or 50 good dairy cows, before March 1 Write Daniel B Zook, Rd 3, Box 141, Quarryville, PA For Sale- AC 4 row 600 series corn planter, 70 series, planting unit, 717-872-5554.

MAILBOX MARKET

Parts for Cummins, 4 cyl cat MH 44, Wisc & Continental & Gravely, truck transmission and axles, Eelctric motors, small pumps and pump jacks, 717-786-7076 Quarryville, Pa

For Sale 70 ft concrete J Bunk with rails, $450, also 12 hole, Pride of the Farm hog feeder, $70, Lebanon Co 717-949-3647

For Sale- Rye and barley straw, 717-548-3196

Wanted- 32 automatic stall cocks for vacuum line, prefer Condes, Daniel Beiler, 78 S Maple Ave., Leola, PA

For Sale- Good quality timothy hay, no rain, $55 ton, Fredericksburg, PA 717-933-8764

Better than average Doberman Pinchers, 5 mo old, 1-21-80, Champion Bloodlines, excellent show or protection, good bred stock, York Co 717-432-2949

For Sale- Complete Surge buckets, 2 stainless steel strainers, 1 Dion self unloading silage wagon, Hunterdon 201-782-3162.

For Sale- 1948 Reo double cab fire truck, 500 gal. pump, 1500 gal tank, motor needs repair, no reasonable offer refused, 717-866-2702 Lebanon Co.

For Sale- Farmall 706 gas TRI, F-H good condition $5500, Farmall A, plow-cultivator $1050 Berks Co 215-926-4389

Wanted- 3 pt. fertilizer spreader, Carbon Co 717-427-4674

For Sale- 4 10-15LT BF Goodrich All Terrain T/A 4 ply tires, 75% tread, 4 6 bolt Chevy truck rims will fit 4 wheel drive, 215-286-6684 Chester Co after 5 p m

For Sale- Like new endless belt 7"x50' $150, Lehigh Co 215-756-6659.

At Good's next sale- steel wheels, 16 wide 53 high, horse harness, tobacco bale box

For Sale- Papec hay chopper and silage blower model L on steel. wheels, pipe, good condition, kept inside, Lebanon Co 717-273-3679

For Sale- 8 Big Dutchman nests, 20 hanging feeders, 5 Mark II Waterers and pressure reducer, Jonathan S Esh, Rd 2, Box 400, Ronks, PA 17572

Wanted- LP Gas unit heater, cab be any size from 15,000 to 60,000 btu. call after 7 p.m 717-438-3443 Perry Co I will pickup

For Sale- 1½ hp electrically reversible motor for Acorn cleaner or shuttle feeder $50, Wanted- Used Sta-rite full view pail milker with electric pulsation, Lebanon Co. 717-964-3418

For Hire- Young family to do weekend farm work, experienced in dairying, 717-838-6976

For Sale- 12x35 concrete stave silo with roof, take it down you can have it. C. W Gravatt, Allentown, NJ 609-259 2413 at Exit 7A NJTP

For Sale- New Perfection room heater/blower, 1 Heatrola burns coal/wood, excellent shape, ¾ ton coal, 1 heavy duty 550 gal fuel tank, good condition, Chester Co 215-593-5444

For Sale- 3 new 12'-14' Electric drive thru cattle gates, NH 461 haybine, Latest type 215-384-4370 Chester Co

For Sale- 2 horse hitch for carriage, Farmall 8N parts or will overhaul yours, 717-656-9734 after 6 p m

For Sale- JD KBA 28 disc, 19 in blades, $550, Lancaster Co 717-354-8126.

For Sale- 23 hp Kohler engine, model K582, used less than 500 hrs , Lancaster Co 717-354-9916

MAILBOX MARKET

For Sale- Rear tractor tires, 2 tires 16 9x30 good tread, 3 tires 15 5x38 fair tread, make offer, 5 ft Roto-beater, pull type, 717-538-5180 South of Williamsport, Northumberland Co

Wanted- Registered Black and White spotted Nubian does, fresh, bred or kids, Centre Co 814-355-2623

For Sale- Bright oats straw $58 per ton, Clinton Co 717-768-6520

For Sale- 5 yr. old Saddlebred carriage horse, Lots of snap, Daniel F King, Rd 1, Center Square Rd , Leola, PA

Wanted- Storage batteries, single or in racks, good used or with bad cells that cab be jumped 215-323-7447 Chester Co.

For Sale- New 12 hole 60 bu. Pride of the farm hog feeder, $100, used 8 hole 20 bu Pride of the farm hog feeder, $100, 717-665-5760

For Sale- 292 Chevy motor, 1965 Rebuilt, running order $400, Ephrata, PA 717-733-6319.

For Sale- 710 4-16 Int. reset plow $1800, pair 13 6x36 tractor tires, 40% tread, $35. Lebanon Co. 717-949-3134.

MAILBOX MARKET

For Sale- JD F845 2 bottom 16 in rollover plow, good condition 717-354-9461

For Sale- Hydraulic log spliter, heavy duty cylinder, driven by 10 hp. engine, good condition, priced reasonable, 717-273-6683 after 6 p m. Lebanon Co.

For Sale- AC road grader, full cab, PS, good condition, Ser AD-3, 1510 $2500, 215-589-4207 Lebanon Co

For Sale- Good quality mixed clover hay, cab deliver, Union Co 717-966-1489

For Sale- 2 yr old Gelding, Skipper wand Clobber Bar reeding, Sorrel with 4 white socks and a blaze, $800, 717-367-6488 or 653-5636.

For Sale- pair good broke Sorrel mules, priced to sell 717-656-9548.

For Sale- 1972 Chev. truck, C-60 series with 20 ft cattle bed, gross wt. 30,000 717-653-5841.

For Sale- Several restored spring wagons in good condition, Fisher's Carriage Shop, Rd 3, New Holland, PA.

Would like to trade my rubber tire wheels for steel wheels for JD 14T baler, Aaron B. Martin, Rd 2, Box 643, Ephrata, Lancaster Co., PA.

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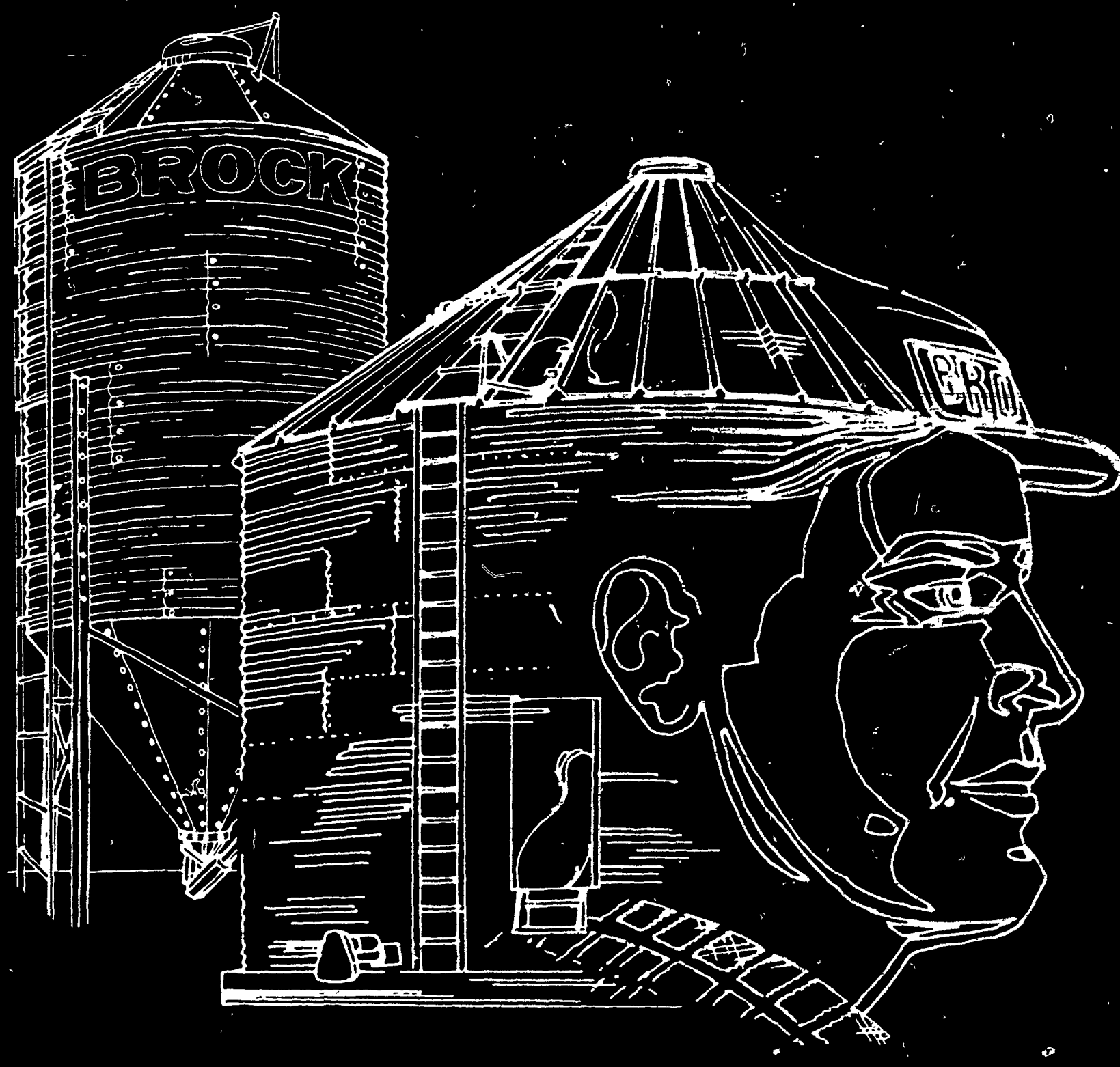

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20,706 Lbs. MILK • 753 Lbs. FAT • 31 COWS • BAA 103.8

Mr. & Mrs. Janos discussing custom-built feeding program with Dr. Walter Kennett, nutritionist, F.M. Brown's Sons.

CONGRATULATIONS to ANNE and STEVE JANOS and their fine herd of SONAJ Holsteions. Starting from "scratch" 15 years ago with the purchase of 5 registered holstein heifer calves, the Janoses bred and managed their herd to where it is today. This 100% home raised herd has averaged over 20,000 lbs. Milk and 700 lbs. Butterfat since the January, 1979 test.

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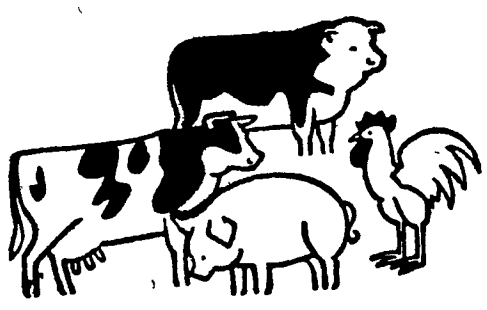
Janos cows are "always hungry". Shown above cleaning up the 16 ROYAL part of their feeding program which contains in addition mixed alfalfa hay, corn silage and a small amount of brewers grains.

Anne and Steve Janos checking DHIA records of individual cows. SONAJ Herd contains 21-ELEVATIONS, 6-BOOT-MAKERS, 3-SEAMANS AND 1-JOB milking.



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Former IFYE aids S. American agriculture

If, twenty years ago, someone would have told Charles Staver, known to most people as Chuck, that his experiences with 4-H would have a profound influence on his future, the ten-year-old Dauphin County youth probably would not have believed it.

But, through 4-H, Chuck has journeyed around the world and has learned about agriculture in many lands. His experience is now helping him to help others in lands like Peru and Venezuela.

Just recently returned from several months work in Venezuela, Chuck gives credit for his interest in tropical agriculture to his experiences gained through the International Four-H Youth Exchange program. As an IFYE student, Chuck travelled to Srilanka, formerly Ceylon, for five months, where he studied the country's methods of farming.

After he arrived back in the United States, and had given his talks to local groups on his adventures in Srilanka, Chuck was travelling again. This time he was going to Peru with the Peace Corps. His job was to help the Spanish-speaking people improve their livestock and pastures. He also helped to introduce new crops, and the Peruvians helped Chuck improve his Spanish.

This on-the-job experience led the graduate of Lower Dauphin High School and Columbia University, New York, to further his education in agriculture.

In the graduate program at Cornell University, he added a Masters of Professional Studies in agronomy to his Bachelor of Arts degree in geography.

With all of this knowledge and experience tucked under his hat, Chuck stepped onto a plane and flew off to Venezuela. This time he would be teaching students in a university, instead of himself being a student.

"I was hired by the Venezuela University after I graduated from Cornell. I taught grain-legume production as a university professor. This course included studies on beans, cow peas, and pigeon peas," Staver said.

He pointed out the university was only established in 1977, the year he arrived. And, along with his classroom duties, Staver was in charge of helping to develop the university's experimental farm.

The job wasn't easy for Staver. Not only did he have to communicate with students in Spanish, he had to convince the administration of the university to follow through on program goals.

"I had to work my butt off just to get a tractor to plant beans," exclaimed Staver. "That was enough of a problem without even trying to do an experiment with the beans."

But, he said the work was a real challenge. "In Venezuela, you can work on very basic agricultural problems which could never be done in the U.S. where the production levels are already very high. It's a challenge . . a new area agriculturally. In Venezuela we ask 'What should the cropping system be, and what can be done to increase yields'".

Venezuela is a country that lies along the northern coast of South America, bordering the Caribbean Sea, Brazil, Columbia, and British Guiana. According to Staver, it's a fairly modern country that relies on its petroleum resources for a strong economic base. Agriculture is a developing industry in the country.

"Venezuela has a 70-75 per cent urban population," noted Staver. "Like the U.S., it's a country with plentiful land and scarce labor, unlike many South American countries, such as Peru."

He said mechanization in Venezuela agriculture is a necessity. Many farmers select what crops they grow based on the availability of equipment to plant and harvest mechanically. They apply most of their herbicides, fungicides, and insecticides by airplanes, so there is essentially no manual labor.

Chuck examines an experimental plot of pigeon peas at the Venezuela University's experimental station.

Chuck Staver stands in a field of corn planted under the shifting agricultural method used by Venezuelans in the mountainous regions of the country. Farmers clear the jungle by cutting down the trees, but they don't uproot the stumps. The land is then burned and corn is planted between the stumps by hand.

But, the yields on many of their crops are low. In working with native farmers, Staver recalled an instance where one farmer plant 1300 hectares of corn and only harvested 300 hectares. (A hectare equals 2.5 acres).

Venezuelan farmers not only have equipment to consider in selecting their annual crops, but also the land and the weather, Staver noted. The country's farm areas can be divided up into lowlands, foothills, and mountains, he said.

The lowland areas are difficult to cultivate because they are under water six to eight months of the year. These areas are generally used for pastures for the Brahman-type cattle raised in the country. Getting around the lowlands during the wet season is done either on horseback or by canoe, Staver said.

The rainy season usually starts in March or April, he said, and continues until about September. The peak rainfall months are July and August, while December, January, and February tend to be relatively dry.

"The growing season is based on rainfall, not temperatures. The average monthly temperature only varies by a few degrees," said Staver.

The Venezuelan farmers gauge their cropping season by the rains. They prepare their fields for planting before it rains, and when they're sure it's going to keep raining, they plant their crop.

Their main crop is corn, which is usually a 120 day variety. Besides corn, Venezuelan farmers raise other crops, like wheat, oats, potatoes, peas, cabbage, carrots, red beets, cotton, rice and coffee. The type of crop depends on the farmer's geographic area.

Coffee is grown on small farms in the mountains, where the cooler temperatures prevail. Wheat, oats, potatoes, peas, and the other vegetable crops that need a more temperate climate are also grown at higher elevations.

In the mountains of Venezuela you find the more primitive "shifting agriculture," said Staver. Also called slash and burn, this type of cultivation involves a great deal of manual labor.

Normally the process begins when a lumber company moves into a forested area and clears out the merchantable timber. The lumberers' roads allow farmers to travel to these once inaccessible areas.

The farmers cut down the remaining trees, but don't uproot them. Then they burn the area during the dry season and when the rains come they plant their corn or beans among the stumps, using a digging stick as their manual planter.

This slash and burn method is the traditional system used by the tribal Indians in South America.

"It's marginal agriculture," remarked Staver. "Farmers don't want to clear the jungle and keep it cleared. So they abandon the plot after a year or so, either because the soil has lost its fertility or the weeds become too hard to control."

"The farmers move on to clear another plot, where the tall jungle vegetation shades out the weeds. They seem to know how many years and what kind of vegetation height is needed to fight the weeds that spring up immediately after the trees are cut."

Staver explained that the plots are abandoned for 10 to 15 years before they're cultivated again. If a farmer tries to force the land into production in seven years, it reaches a point where the process is destructive, yields decline and soil erosion begins to occur.

When the plots are abandoned for the proper time, little erosion takes place even though the rain falls on bare ground. The tree roots that are left in place hold the forest soils.

This shifting agriculture is in sharp contrast to the predominant mechanized agriculture that is done in Venezuela. But, despite the modern technology available to them, the farmers' corn yields on a national basis only average about 25 bushels per acre.

One of the factors that limits the corn yields is that the growing season never stops, noted Staver. This might sound like an advantage, but once the corn completes its cycle and begins drying off, the weeds are not shaded and take over, he added.

Because of this tremendous growing climate, "the question of what's the best crop to grow to take advantage of the tropical conditions needs to be explored," he remarked. On his own 2.5 acre farm, Staver raised some corn. He said he was amazed at how high it grew. "On a few of the plants, I had a hard time reaching the ears," said the over-six-foot-tall agronomist.

Chuck will be working on these types of questions when he returns to Venezuela to begin a new project. He will be involved in studying the environment and the country's ag productivity in a four-month job with the Organization of American States, Inter-American Center.

Chuck describes the rural lifestyle in Venezuela as similar to that in the U.S. but with climatic differences. The homes are walled for security reasons, but are basically open rooms covered by a large roof. Downstairs there are usually tiled floors and gardens with lemon trees and palm trees growing next to the furniture.

Most of the country people raise back-yard pigs and chickens that roam the streets looking for food. Chuck told of an instance where he watched a fat, muddy sow saunter down the sidewalk and stop in front of a nice restaurant in the small town where he lived. The sow poked her head inside the door, and then strolled away, as if to say the food wasn't worth any more effort.

Along with pork and chicken, the Venezuelans have beef

(Turn to Page C4)

Homestead Notes

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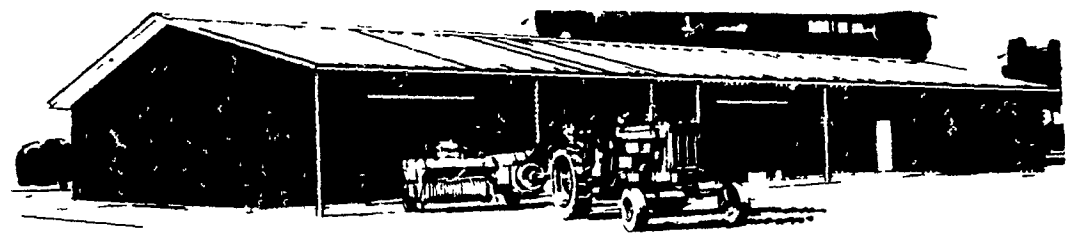

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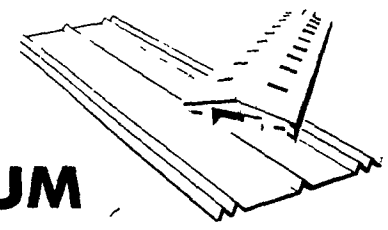

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2x10	5.40	7.04	8.36	9.76	10.80

TREATED LUMBER

	8	10	12	14	16
2x4	2.09	NS	3.96	4.67	5.69
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Chuck points to a map of Venezuela, showing the area where he worked, close to Guanare.

Homestead Notes

(Continued from Page C2)

and dairy products in their diet. Their supply of homogenized and pasteurized milk is supplemented with imported powdered milk, with price tags about the same as in the U.S.

When working with the Venezuelan people, Chuck said he tries to avoid making comparisons with the way things are in the U.S. He also works very hard at bridging the communications barrier by learning to speak Spanish well.

"It will always be an effort for me to speak and write Spanish because I have to keep thinking about what I'm saying. But, I think it's a matter of pride and a sign of respect for the people when you speak their language properly. It shows you care."

Through his life and work, Chuck Staver proves to Venezuela and agriculture that he truly does care.

Commodity calendar features recipes

HARRISBURG — Visitors to the 1980 Farm Show got more than a taste of Pennsylvania agriculture. They are also getting free 1980 calendars featuring recipes for a dozen dishes which can be made with top quality Pennsylvania farm products.

The Pennsylvania Department of Agriculture is offering the calendars to the public as part of the newly launched promotional program for farm products, "Pennsylvania Agriculture - - We're Growing Better."

Bureau of Markets director James H. Sumner said the program "is aimed at increasing Pennsylvania agriculture's market share and boosting farm income.

"An award-winning recipe is featured each month on the calendar," he said, "along with nutritional information on these Pennsylvania products. We think the calendar and the recipes should give consumers the opportunity to prepare these dishes themselves, and see just how good Pennsylvania agriculture really is."

The calendars also list the best times to buy Pennsylvania fruits and vegetables. Fresh produce is usually less expensive during peak harvest season.

The 1980 Pennsylvania Commodity Calendar is available free to the public by writing the Bureau of Markets, Pennsylvania Department of Agriculture, 2301 North Cameron Street, Harrisburg, PA 17110 or by calling 717-787-4210

How to keep a poinsettia blooming

MEDIA — You can enjoy the poinsettias you received for Christmas beyond the holidays if you follow these tips. Keep your poinsettias in a sunny, warm window, but make sure it's not drafty. If there's danger of chilling at night, cautions James J. McKeehen, Delaware County Extension Agricultural Agent, take the plant out of the window before you go to bed. Try to maintain soil moisture at moderate and uniform levels. The soil should be neither soggy wet nor bone dry. When the top of the soil is dry, water it.

After the plants stop blooming and the leaves begin to fall, gradually stop watering it. The leaves will soon turn yellow and fall. Then store the dried-off plant in a cool, dark basement at 50°F. to 60°F. until April or May, and water it lightly. Give it just enough water to keep the roots and stems from [illegible] out. In May cut the stems back 4 to 5 inches, and repot the poinsettia Then put the plant in a warm, sunny place in your yard and keep it watered and fertilized during the Summer.

Before cool weather sets in next Fall, bring the plant inside again and put it in a south window where it will get lots of light. If plants are to flower they must be kept in darkness from 5 p.m. to 8 a.m. from the first of October to Thanksgiving.

It takes a lot of special care, but some people like the challenge of trying to flower their 1979 poinsettia for Christmas 1980.

***

U.S. farmers' total tax bill in 1979 was $9.5 billion on real estate, personal property, federal and state income and purchases.

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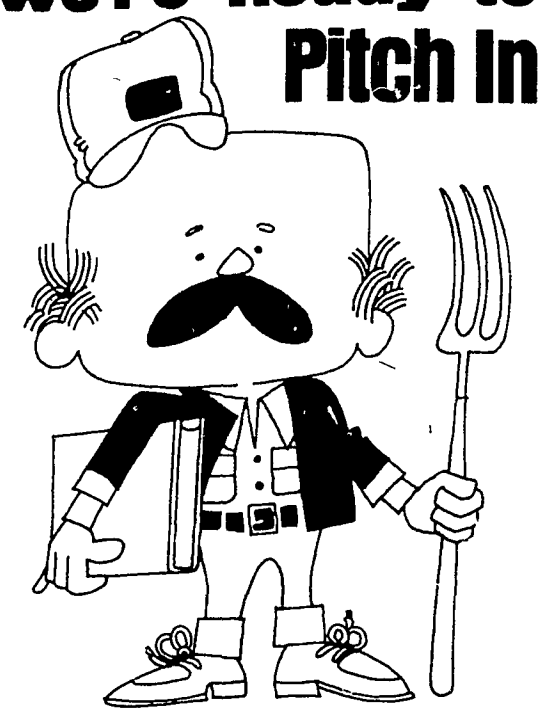

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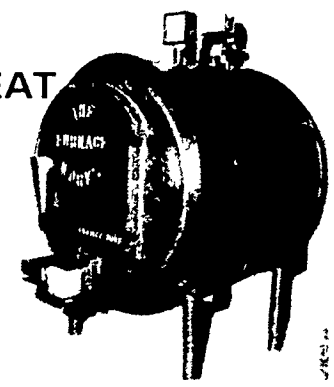

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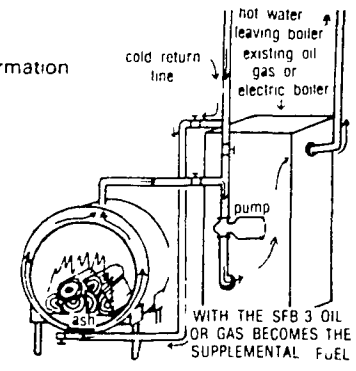
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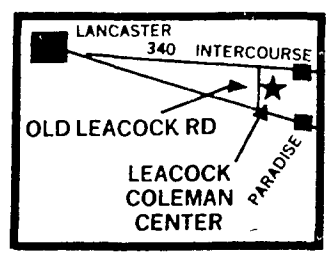

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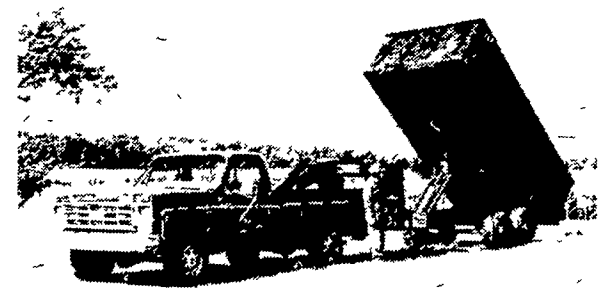
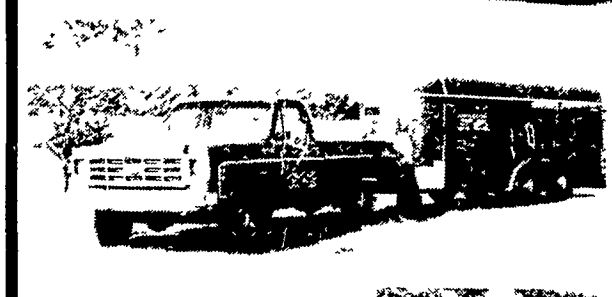
16' long by 8' wide body has 40" sides, a grain door in rear, flotation tires for field work or 10,000 lbs., axles with dual wheels, electric hoist carrying capacity 300-350 bu.





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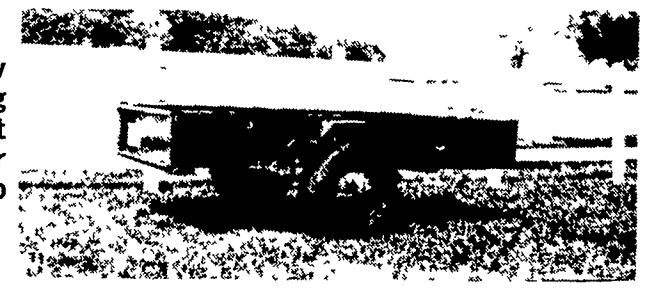
Versatile Bumper Utility Trailer. This handy 8' long by 4' wide Ridged Midget will make a pickup of your car, Bronco, Scout, Jeep or Blazer.



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Farm Women Societies

Lancaster Co. Society 2

The January meeting of Lancaster County Farm Women Society 2 was held at the home of Esther Farrell, with Elsie Witmer as co-hostess.

Slate of officers for 1980 is as follows: President, Martha Brandt; Vice-President, Mae Hosler; Recording Secretary, Ruth Waltz; Corresponding Secretary, Betty Geib; Treasurer, Elizabeth Shenk; and Assistant Treasurer, Elsie Witmer; News Reporter, Edna Loose.

Twenty members were present at the meeting. New song leaders are Betty Geib and Elizabeth Degler. Ladies responded to roll call with each presenting a stamped get well and sympathy card which will be used for mailing by the Sunshine Girls.

Various committee reports were given. Thank you notes were read, as well as a letter from a former member who now lives in Florida. Members voted to have a program committee for the year 1981. The Pennsylvania State Farm Show reports were presented. Four members attended the Farm Show: Esther Farrell, Mabel Pinkerton, Martha Brandt, and Edna Loose. The wheel chair committee report was favorable; stating the teenager has received a new wheel chair. The braided chair pad and rug were dispersed of by silent bid. Program was in the form of a Stanley Party. Each lady celebrating her birthday received a gift.

The next meeting of the Society of Farm Women #2, Lancaster County will meet at the home of Luella Lowe with Anna Capwell hostess, and Esther Petticoffer, co-hostess. The meeting adjourned by singing "Brighten the Corner".

Lancaster Co. Society 3

Society of Farm Women 3 met January 19 at the home of Mrs. Vera Smoker, Stevens R1. Officers for the coming year include: Allegra Leininger, president; Barbara Wenger, vice president; Doris Miller, recording secretary; Alice Trumbaurer, corresponding secretary; and Ethel Gerbart, treasurer.

Rachael Hollinger distributed material from the social service committee to make lap robes for guests in area nursing homes.

Nancy Balmer, program chairman, announced a three-day trip to Williamsburg on May 2-4. Members and families will be entertained at "family night" at the Mt. Airy Fire Company Hall on March 7. Member Anna Hoover served at the Ephrata Hospital snack bar in January.

Delegates to the state convention, Barbara Stauffer, Debra Gregory and Gladys Paul, reported on activities there.

Mrs. Francis Reinhart, dental hygenist, with Dr. Harold Herr, Ephrata, spoke on oral hygiene, and demonstrated proper dental care.

The next meeting will be held at the home of Sallie Snyder, Hilltop Drive, Ephrata. Guest speaker will be Lancaster County Poultry Queen.

Lancaster Co. Society 14

Lancaster County Society 14 met January 16 at the home of Thelma Mylin, Quarryville, with an all day sewing of bed pads for the Cancer Society. Members sewed 149 pads during the day.

A donation of $25.00 was given for pig valve development for use in heart research.

Convention reports of the Harrisburg meeting were given by Jean Rome and Hannah Breckbill. Each member was given a constitution and by-laws of the Society of Farm Women of Pennsylvania. A humorous short skit was given by members of the Society.

Rhoda Rutt from Rutts antiques showed and explained different kinds of antiques. Each member brought an antique to the meeting.

The next meeting will be held at the home of Rhoda Landis on February 13.

Lancaster Co. Society 15

Lancaster Co. Farm Women Society 15 met January 17 at the home of President Kathryn Wagner, Quarryville. Hostesses were Alma Clendenin, Anna Hershey and Alma Miller. Thirty members responded to roll call by giving a stamped card to the sunshine committee.

Jean Ressel, reporting for the sunshine committee, said she delivered 4 poinsettias to shut-in members and sent $50.00 to the Lancaster County Crippled Children's Society at Christmas.

It was announced that a bus trip will be taken to the Philadelphia Flower Show on March 10.

A discussion on saving the family farm and farmland in Colerain was held, with a consensus that it is an urgent concern.

Delegates to the state convention, Colleen Shoemaker and Jessie Trimble, reported on the meeting.

The next meeting will be held on February 21 at the home of Jean Barnes. The program will feature Janet Frantz and her puppets.

Lancaster Co. Society 19

Twenty-four members of Farm Women Society 19 met January 19 at 10:00 a.m. in the social room of the Landisville Church of God to sew dressings for the American Cancer Society. A covered dish luncheon was enjoyed at the noon hour.

While ladies continued to sew, President Naomi Spahr called the meeting to order. (Wilma Boyd conducted a devotional period preceding the lunch.) The roll call was answered by relating a "snowy experience." Many interesting and funny stories were shared. Minutes of the last meeting and the treasurer's report were approved as presented. The trip committee reported plans for a trip to "Three Little Bakers" April 25, 1980. Contributions were voted to Heart Valve Research, $25 and United Cerebal Palsy, $25. President Spahr asked all who have the time to help at the Easter Seal Society on February 4. She also announced the Spring Rally to be held at York Fairgrounds, May 1, 1980.

Marion Weaver and Lavina Musser, who were delegates to the State Convention, reported concerning the programs, and banquet. After a happy day of sewing and talking and eating, the ladies departed one by one to return to their homes.

Lancaster Co. Society 29

Lancaster County Farm Women Society 29 met January 21 at the home of Linda Hoffines. Mrs. Orpha Bower from Visiting Nurses and Home Care Association was present to inform us of their need and work in the area. Members learned a great deal about nursing and housecare which the sick receive at home through this association.

President Doris Shenk called the meeting to order, and members received new Year Books. The Ways & Means committee is planning to serve Wyeth Lab on February 6th. Membership committee reported that Judy Erb has dropped out, and Sande Ober became a sustaining member. Kendy Allen was voted in as a new member.

(Turn to Page C6)

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Farm Women Societies

(Continued from Page C5)

Hostess was Linda Hoffines assisted by co-hostess Sue Bixler.

The next meeting will be February 18 at the home of Carolyn Newcomer. The program will be a talk with slides by Christine Erb who traveled to Japan with IFYE.

Lancaster Co. Society 31

Lancaster County Farm Women 31 met at the home of Charlotte Trimble, Peach Bottom R2, on January 21 with Mrs. Mary Witmer, Quarryville R4, as cohostess.

Roll call was "something new I learned this past year." Committee reports were given during the business meeting. The program was a slide presentation of the happenings within the society since its begining ten years ago.

The next meeting will be held February 23, with a dinner at Hershey Farms with husbands, followed by a bowling party.

York Co. Society 7

York County Society 7 met at the Manchester Township building January 9, with Mary Rohler acting as hostess, assisted by Mabel Lehman.

The meeting was chaired by President Mrs. Edward Brothers, and reports on the state convention at Harrisburg was given by delegates Mrs. Brothers, Mrs. Guy Rentzel and Mrs. James Druck. Roll call was answered with a description of what members did on Christmas day. Readings were given by Mrs. John Hoover, Mrs. James Druck and Mabel Lehman. A $10.00 donation was given to the York Lung Association.

The next meeting will be at the Manchester Township building on February 13 at 7:00 p.m. Members should bring a Valentine to the meeting.

York Co. Society 26

The January meeting of Society 26 was held at the home of Mrs. Ralph Kohler, Etters R2, on January 15.

New officers of the society include: Mary E. Hake, president; Lura Kohler, vice president and song leader; Reba Wise, recording secretary; Nellie Snyder, assistant secretary; Athena Basehore, treasurer; Ruth N. Hake, assistant treasurer; Ethel Wilt, corresponding secretary; Mrs. William Hake, reporter; Naomi Cashner, pianst; Carolyn Barley, scrapbook

Reports on the state convention were given by delegates Reba Wise and Naomi Cashner. Past state president Lois Erb read a poem and Alverna Bupp was installed as a new member.

The February meeting will be held at the home of Mary Hake, 383 Valley Road, Etters on February 12 at 12:30 p.m.

York Co. Society 37

York County Society 37

York County Farm Women 37 met at the home of Phyllis Althouse on Jan. 21 The following committees were announced: Carol Blessing, pianist; Sue Day, assistant pianist; Maribel Dice and Arden Crothers, reporters; Sharon Warner and Sue Day, auditors; Phyllis Althouse, cards and flowers; Edith Snyder and Joann Forry, membership; Sharon Warner and Pat Fauth, newspaper clippings; Regina Eaton, historian & scrapbook; Flora Eberly and Sue Smith, ways and means.

Fund raising projects were discussed. Arden Crothers, a delegate to the state convention, informed the group on activities at Harrisburg earlier this month.

Lancaster Co. Society 18

Lancaster County Farm Women Society 18 met Saturday, January 21 at the home of Martha Stoner with Phyllis Wissler, president, presiding.

Gladys Good and Rhoda Herr gave a report of the State Convention. Sue Wissler gave a report of the evening banquet.

Daniel Lackey spoke and showed pieces of pewter he had collected.

The roll call of the day was show a favorite piece of pewter. Daniel Lackey told each one the history of the piece of pewter they brought.

The February 16th meeting will be held at the the Farm and Home Center, with hostess Phyllis Wissler.

York Co. Society 21

The January meeting of Society 21 was held January 23 at the home of President Marian Leiphart with an open discussion of plans and guidelines for the upcoming year. The group will celebrate its 19th birthday at Willow Valley Restaurant on February 27. Social committee Mabelle Kilgore, Marion Johnson, Annetta Grove, Lois Jordon, Alice Stewart and Ruth Kilgore will be in charge of the meeting.

Members who attended the state convention in Harrisburg include Marian Leiphart, Mabelle Kilgore, Nedia Graybeal, and Ruth and Joann Miller.

The following officers were elected: Marian Leiphart, president; Mabelle Kilgore, vice-president; Nellie Wiley, recording secretary; Priscilla Knight, corresponding secretary; Stella Barnett, treasurer; and Ruth Kilgore, historian.

FWS Calendar

Today, February 2
Lancaster Co. Society 6 meets at the home of Mr. and Mrs. Shonk, 2:00 p.m.
Tuesday, February 5
Lancaster Co. Executive Board Meeting.
Wednesday, February 6
York Co. Society 1, meets at the home of Alberta O'Neal at 7:00 p.m.

Ida's Notebook

Ida Risser

The middle of Winter is here and there is time to reflect on past years in this house.

In those days, I'd come downstairs with a crying baby in my arms, noisy children upstairs and some squabbling over breakfast cereal at the table. Things were in disarray from the night before but we were one big "family". What one did or did not do affected all of us. We worked together and we played together. There was croquet in the front yard and long walks through the woods in the Spring.

Now when I come downstairs in the morning my house is in order and as I pour myself a cup of coffee, I ponder over times past. But no longer do I think of the children as a group but rather each one, individually, is thought of and wished good luck.

I miss seeing their faces and hearing their voices. As I carry buckets of coal to our furnace, I concentrate on each child as I swing the heavy bucket into the hopper.

There is the daughter on the West Coast who has just moved to California and now has the problem of trying to sell their house in Oregon and starting a new job. The next son has a similar problem in that he too would like to sell more lots in his beautiful woodland but the market is slow just now.

Then my thoughts swing to the son who is finishing research for his doctor's degree at Penn State and will be looking for a permanent job.

The next in line appears to be well established as a developer of new products for a large food company.

Finally I come to the last two. One is attending college and comes home some weekends to help his father on the farm and the other is our only "live at home" girl who is trying to do so many things and somehow manages to pull me along when she tries to accomplish them.

As I swing the last bucket of coal into the hopper, I breathe a prayer for all my scattered children.

***

U.S. wheat producers harvested a 1979 crop of 2.11 billion bushels, 18 percent more than 1978 and the second largest crop on record, says the Department of Agriculture.

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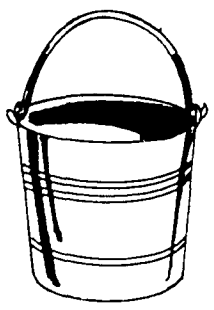

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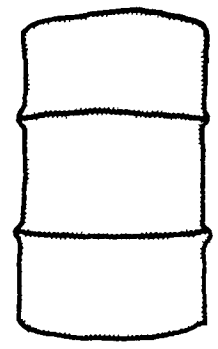

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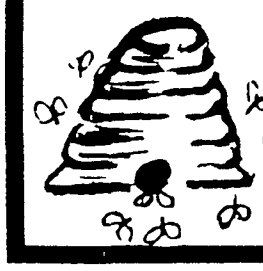

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Ladies Have You Heard?

By Susan Doyle

Lancaster Home Economist

Parents who want to teach their children energy conservation must look carefully at their own habits. Children learn by observing their parents' behavior.

Consider some of the simple things we do: turning lights on, using products made from petroleum, heating and cooling the house, driving the car, cooking and cleaning. Most of our daily activities use energy. Adapting our ways of doing them to reduce energy consumption requires thoughtful planning and may involve sacrifice.

Believing that there is a shortage precedes taking action. Reading and questioning respected sources broadens knowledge of energy related problems. Learning about energy resources, availability, today's uses, predicted uses and problems of use promotes an understanding of the situation.

If parents care enough about the world their children will inherit, they will start asking what they can do differently to save energy. Families need to list desirable changes and children can often contribute useful ideas. Regularly reviewing and adding to the list as changes are made will keep the family's focus on energy conservation.

What adults do and how effectively they do it communicate a message. By pointing out both wasteful and conserving actions, parents can help children interpret this message. Giving the "whys" for daily practices helps children understand conservation principles as well as methods.

An appreciation and respect for natural resources can extend beyond a concern for energy conservation. Family members can develop sensitivity to relationships within the natural environment.

Keeping the Refrigerator Fingerprint Free

You usually notice it just as the cheery, morning sun starts to pour through the kitchen window. The refrigerator door is covered with greasy smudges at father, mother and child levels.

The thing not to do is reach for the spray cleaner that's handy.

Refrigerator exteriors are painted metal and these cleaners can actually remove the paint over the course of time. In fact, avoid the use of any abrasives. Always clean the outside of your refrigerator with warm, soapy water or an appliance polish. Use a soft cloth.

If you're in the market for a new refrigerator you might want to consider one with a textured steel door. Because textured steel resembles an orange that has been rolled directly into the metal, the appliance has a matte or dulled appearance.

Its great attraction, for some households, is the fact that small scratches, smudges and those ever present fingerprints are much less visible.

Once again, care for textured steel as you would any painted metal surface, cleaning it regularly with warm soapy water and a soft cloth.

Select Mattress With Care

A mattress gets more constant wear than any piece of furniture in the house. Even those who require little sleep spend hours on the mattress each night. So when you shop for a mattress shop carefully.

Look for surface comfort and support firmness. If a mattress is too soft, it may lack body support; if too hard, it lacks ability to conform to the body. A mattress that is either too soft or too hard will not be comfortable nor be a good buy.

Comfort, however, is a personal matter, and you will have to test mattresses to find the one that suits you. The best way to test a mattress is to lie down on it. Kick off your shoes, stretch out and stay there long enough to really get the feel of it. If two sleepers will share the mattress both should test it at the same time.

While you are stretched out on it, move and roll a bit and listen carefully. If you hear nothing, that is a good sign. If you detect any clicking or squeaking sound from inside the mattress, beware. Noises in a new mattress only get worse later on and annoy the sleepers.

Don't purchase any mattress that you can't test by actually lying on it. And don't forget to check the warranty. A good manufacturer is willing to stand behind his product and a good warranty is an indication of this.

Toddler Topics offered

"Mommy, there's nothing to do." What's the solution to this problem? First consider how the child is feeling, says Judi Keefer, Schuylkill County extension home economist - youth agent. Your child's body and state of mind are clues to the kind of play he needs. If he is sick or tired, he'll probably be happier with simple types of play. If he is bored, he may need a new or more complex toy or game to keep his attention.

Play is important to children. It's not just busy work as parents often think of it. Play helps a child learn about his world and about himself. That's why Judi Keefer, Schuylkill County Extension Home Economist - Youth Agent has included information on helping children through those "there's nothing to do" phases in a learning packet called "Toddler Topics." The packets include many other timely topics of interest to parents of young children.

To get your free copies of "Toddler Topics," write or call the Schuylkill County Penn State Cooperative Extension Service office, P.O. Box 250, Schuylkill Haven, PA 17972, (717) 385-3431.

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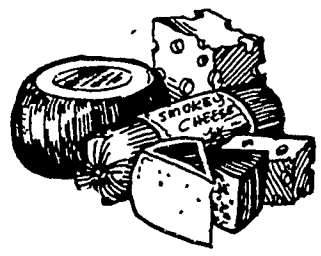
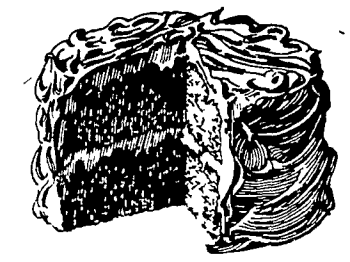


Home On The Range



Pies - the perfect way to please

Pies are usually a favorite of the man in the house, but everybody will be happy to eat a piece of one of the many pies offered by readers. Whether it is to make the perfect ending to your meal, or to be eaten with a glass of milk as a pick-me-up snack, pies are people pleasers, so choose one to please your family today. With the variety offered, there is sure to be one which just could become your family's new favorite.

Just a reminder: When sending in recipes for Home on the Range, be sure to include cooking time, correct size of baking dish and accurate instructions. Thank you.

CRAZY CRUST APPLE PIE

1 cup flour
1 teaspoon baking powder
½ teaspoon salt
1 tablespoon sugar
1 egg
2/3 cup shortening
3/4 cup water
1 (1 pound, 5 oz.) can apple pie filling
1 tablespoon lemon juice
½ teaspoon apple pie spice or cinnamon

In small mixer bowl, combine flour, baking powder, salt, sugar, egg, shortening and water. Blend well, beat 2 minutes at medium speed of mixer. Pour batter into 9" x 1¼" pie pan. Combine pie filling, lemon juice and spice; pour into center of batter. Do not stir. Bake at 425 degrees for 45 to 50 minutes.

Mrs. Milton Kemp, Kutztown

APPLE MINCEMEAT PIE

4 cups apples (peeled, sliced cooking apples)
2 tablespoons tapicoa
2 cups prepared mincemeat
2 crusts for 10" pie

In a bowl combine apples and tapicoa. Turn into crust. Top with mincemeat. Put top crust on. Bake in a preheated oven at 350 degrees for 50-60 minutes Delicious when served hot.

Viola Mae Halteman, Clear Spring, Md.

BUTTERSCOTCH PIE

1 1/3 cup graham cracker crumbs
¼ cup butter, softened
3/4 cup sugar
1 package (6 oz.) butterscotch flavor pieces (1 cup)
8 oz. cream cheese, softened
2 tablespoons butter
1 egg
2 tablespoons flour
2/3 cup milk
1 teaspoon grated orange rind
¼ cup orange juice
3 tablespoons corn syrup
2 tablespoons water

In mixing bowl blend crumbs, butter and 1/8 cup sugar. Press on bottom and sides of 9" pie plate. Bake at 375 degrees for 8 minutes Remove from oven. Sprinkle ½ cup of the butterscotch pieces over crust Let stand until melted, spread evenly over crust

In mixing bowl, beat cream cheese and butter to blend. Beat in remaining ½ cup sugar and the egg and flour. Stir in milk, orange rind and orange juice. Turn into prepared crust and bake at 350 degrees for 30 minutes. Chill.

Before serving, turn the remaining ½ cup butterscotch pieces and the corn syrup into a double boiler. Place over hot, but not boiling, water and stir vigorously in the 2 tablespoons water Let stand five minutes. Serve warm over chilled pie

Mrs. Lester Martin, Ephrata

SNOW PIE

1½ cups milk
2 teaspoons butter
1 cup sugar
4 tablespoons flour
1 teaspoon vanilla flavoring
2 egg whites, stiffly beaten
1 graham cracker crumb crust

Heat milk in double boiler, add butter, sugar and flour. Cook until thickened, stirring constantly Remove from heat Blend in vanilla and egg whites. Pour into pie crust. Chill Six servings.

Mabel Sensenig, Ephrata

PEANUT BUTTER PIE

1 cup peanut butter, smooth or chunky
1 8 oz package cream cheese
1 cup sugar, granulated
2 teaspoons melted oleo, or butter

Mix the above four ingredients, then add 1 cup whipped whipping cream, and 1 teaspoon vanilla Mix all very well, then pour into a graham cracker crust and chill for at least four hours

Donna Lencoski, Latrobe

COCOANUT CARMEL CUSTARD

1 cup of brown sugar
1 cup molasses
2 eggs
½ cup sour cream
1 cup cocoanut
½ cup flour
½ teaspoon baking soda
1½ cup sweet milk

Mix all ingredients together and pour into two unbaked pie shells. Bake for 35 to 40 minutes in 350 degree oven.

Mrs. Elmer E. Brubaker

FROZEN LEMON PIE

3/4 cup sugar
1/4 teaspoon salt
Grated rind of one lemon
1 large can evaporated milk, chilled
Juice of three lemons
Vanilla wafer crumbs

Chill milk in refrigerator until crystrals begin to form. Mix sugar, salt and grated rind of one lemon, then add juice of 2 lemons and chill. Beat chilled milk until stiff, adding the rest of the juice of 1 lemon. Then beat into the chilled lemon-sugar mixture. Butter a 9" pie pan, put in a layer of crushed wafer crumbs. Pour in mixture and cover with wafer crumbs and freeze for several hours. Top each serving with sprinkled coconut or top with a cherry.

Eva S. Rubinosky, Upper Gwynedd

OATMEAL CUSTARD PIE

3 eggs
½ cup brown sugar
3/4 cup dark molasses
½ cup butter
3/4 cup quick oatmeal
1 cup coconut
1 cup milk

Mix all ingredients together and pour into a unbaked pie shell, 9½" - 10".

Bake at 375 degrees for 45 minutes.

Marlene Bomgardner, Annville

WANTED: RECIPES!

Home on the Range is your recipe column! We need recipes for the following themes which will be features in the coming weeks. Send your recipe to Lancaster Farming, Home on the Range, Box 366, Lititz, Pa. 17543

FEBRUARY	
16	Cheery Cherry Recipes Deadline February 8
23	Recipes for the Wood Stove Deadline February 15
MARCH	
1	Sourdough Recipes

PEANUT BUTTER PIE

2½ cups milk
2/3 cups sugar
1/8 teaspoon salt
4 tablespoons cornstarch
1 tablespoon butter
2 eggs, separated
1/3 cup peanut butter

Cook all ingredients together until thickened. Pour into pre-baked pie shell. Top with meringue made from ½ teaspoon vanilla, ¼ cup sugar and 2 egg whites.

Beat together until stiff peaks form.

Linda Fauth, Wrightsville

(Turn to Page C10)

Apple pie is everybody's favorite. Included in this week's recipe exchange are recipes for crazy crust apple pie and apple mincemeat pie.

Nutritious apples make a delicious, wholesome way to serve dessert.

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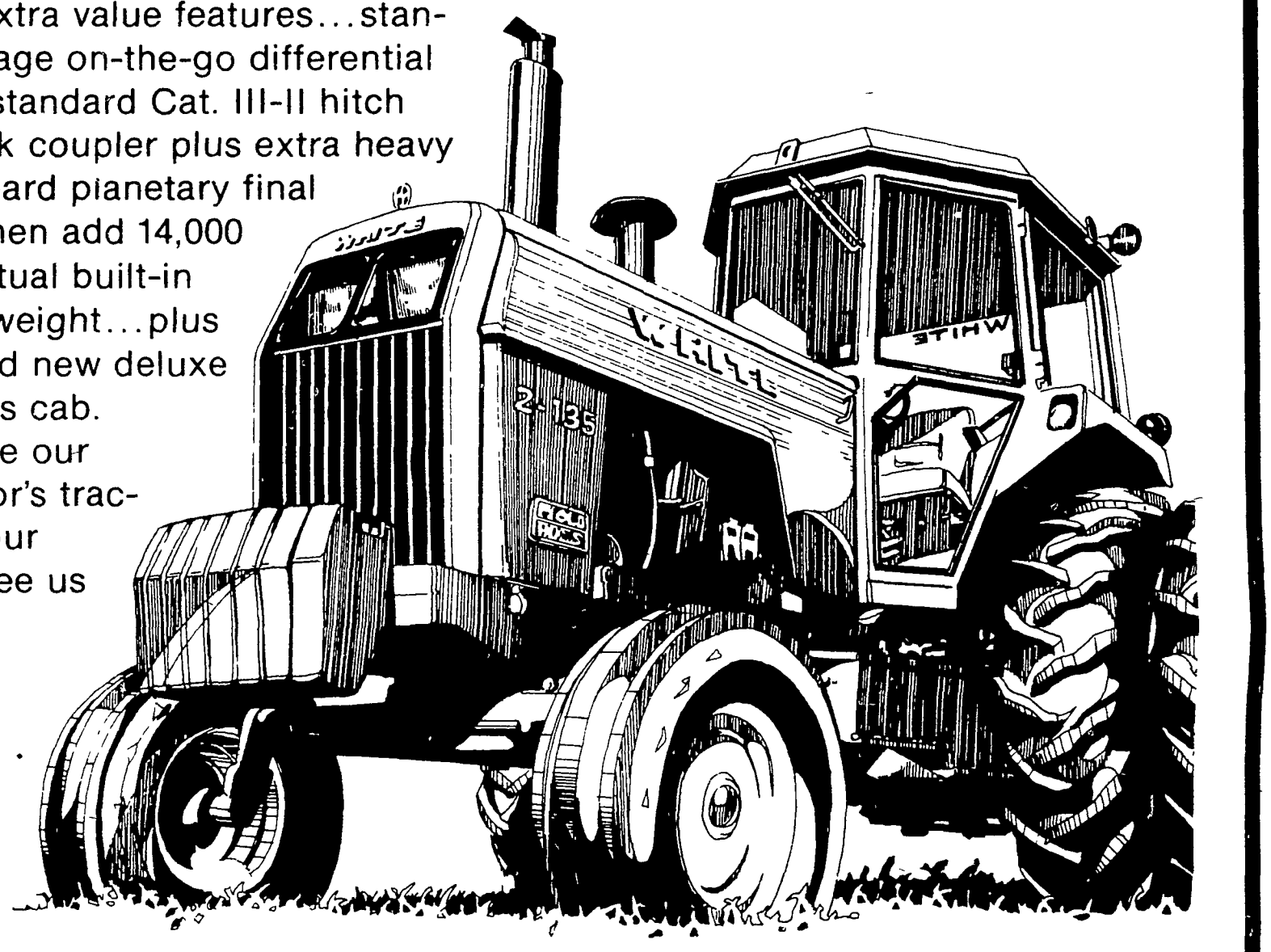

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Home On The Range

(Continued from Page C8)

AMISH VANILLA PIE

Liquid:
1 cup sugar
1 cup light molasses (Karo or King Syrup)
1 egg, well beaten
2 cups cold water
1 teaspoon vanilla
Crumbs:
2 cups flour
1 cup brown sugar
1 teaspoon cream of tartar
1 teaspoon soda
½ cup margarine

Combine liquid ingredients in saucepan and bring to a full rolling boil; set aside to cool. Make crumbs by combining flour, brown sugar, cream of tartar, soda and margarine. Pour half of cooled liquid into 2 unbaked pie shells and top with crumbs. Bake 40-45 minutes at 350 degrees or until crumbs are brown.

Ann Rudy, Pennsylvania Furnace

CREAM PIE

2 cups milk
½ cup sugar
2 tablespoons flour
2 tablespoons cornstarch
2 eggs, separated
1 tablespoon butter
½ teaspoon salt
1 teaspoon vanilla

Scald 1½ cups milk in top of double boiler. Combine sugar, flour and salt. Stir in remaining ½ cup milk and egg yolks. Stir this flour mixture into hot milk and cool until thickened. Remove from heat. Add butter and vanilla. Let cool a little, then pour mixture over two sliced bananas in baked pie shell. Beat 2 egg whites, and add two tablespoons powdered sugar. Top pie with this; brown in broiler for 2-3 minutes.

Mrs. Jesse Huyard, New Holland

BUTTERMILK PIE

1 cup sugar
2 cups buttermilk
2 eggs
2 tablespoons butter
2 tablespoons flour
1 teaspoon lemon flavoring
Pastry for 1 9" pie crust

Combine sugar and flour. Add beaten eggs, melted butter, milk and flavoring. Pour into unbaked pie crust. Bake at 350 degrees for 35 minutes. Makes 1 9" pie.

Esther Burkholder, Kutztown

On being a farm wife - And other hazards

Joyce Bupp

Into each of our lives, at some time, will come a fire-breathing dragon. Its presence will leave you uneasy, filled with dread and tingle your spine.

Such a dragon rears its ugly head over my shoulder periodically. Its activity increases as the cold weather intensifies and the restless rumblings of the beast can be heard from afar.

It is with dread and a *nagging sense of doom* that I step into his lair. An unmistakable odor betrays his presence. Pungest and strong is the smell, clinging to the damp surroundings and anchoring itself into my hair and clothing. To tell the truth, the dragon's breath reeks of kerosene.

Further into his den I creep, enveloped by the wells of cement block and furnished in metal and pipes. His cave bears an uncanny resemblance to our ancient milking parlor and is littered with wastes and cattle feed remnants.

It is for this reason that I am there. I must clean the dragon's cave.

Although quiet prevails, experience tells me that the dragon is merely resting between spells of fire belching. At any moment, it will awaken and scare this cleaning lady out of her wits with its maddening roar.

I pick up the pressure pump hose and begin the hosing down task, mindful of the prickling skin on the back of my neck that senses the dragon's closeness. Reluctantly, I work my way across the cold floor, until I stand there, working just beneath the mouth of the beast.

And then, invariably, it happens.

With a loud WHUUUUUMMMMMPPP! and a whine, the dragon opens his mouth and bellows. And, as always, I jump six inches straight into the air.

The dragon has won another round, as it thermostatically activates to heat the milking parlor air and keep the pipes from freezing.

Saner people than I, like my farmer, know it's just an old kerosene heater that doesn't have any idea when to go into action and scare a poor farm wife out of her wits.

But I don't believe 'em. And I declare I'll never, never get used to that fire-breathing beast roaring into life directly over my head.

Come Spring, I'll get up enough nerve to take my trusty sword and go into battle with the dragon. I shall attain victory over this beast yet!

I'll pull his plug.

Cook demonstrates leather crafts

JEFFERSON — The Jefferson Community 4-H club held its monthly meeting at the Jefferson Fire Hall, with president Jon Miller presiding. Members answered roll call by telling which projects they exhibited at Farm Show and how they placed.

A committee was chosen to make an exhibit for the 4-H Expo at the York Mall, to be held February 8 and 9. The theme will be "Expanding Horizons."

A presentation on leather crafts was presented by Mr. Cook, with a demonstration on the different kinds of leathers and how to make patterns and designs.

The next meeting will be held February 12 at the Jefferson Fire Hall, and projects will be chosen for the coming year.

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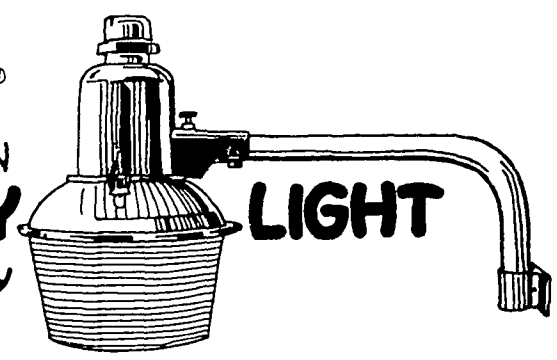

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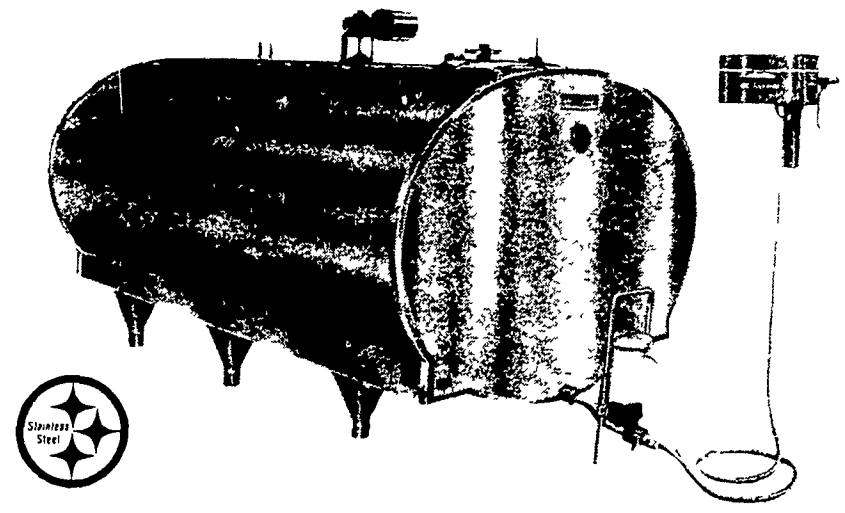

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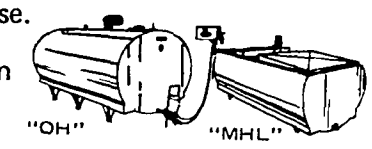

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Junior Cooking Edition

Desserts seem to be a favorite among our younger readers. Many of the recipes feature nutritious milk, so are not only tasty and fun to make, but also good for the whole family. This week we feature many of the pudding-type desserts we receive from young correspondents.

Take a moment and write down your favorite cooking recipes and mail to Junior Cooking Edition, **Lancaster Farming**, Box 366, Lititz, Pa. 17543. Be sure to include your name, age and address, along with the complete list of ingredients, pan size and cooking time.

TAPIOCA CREAM

2 egg yolks, slightly beaten
2 cups milk
2 tablespoons sugar
2 tablespoons quick-cooking tapioca
¼ teaspoon salt
1 teaspoon vanilla
2 egg whites
4 more tablespoons sugar

Cook egg yolks, milk, 2 tablespoons sugar, tapioca and salt together over low heat, stirring constantly until mixture boils. Cool. Stir in vanilla. Beat egg whites until frothy, then beat in 4 tablespoons sugar, a little at a time, continuing until stiff and glossy. Fold into tapicoa custard mixture.

Sharon Weaver, Age 8, Myerstown

LEMON SPONGE CUSTARD

3 tablespoons butter
3/4 cup sugar
2 eggs, separated
2 tablespoons flour
1/8 teaspoon salt
1 cup milk
juice and grated rind of 1 lemon

Combine sugar and salt, add butter and rub into mixture. Add beaten egg yolks and lemon juice and rind, and beat well. Add milk and beat until smooth. Fold in stiffly beaten egg whites. Pour mixture in a greased casserole or custard cups and set in a pan of hot water. Bake at 350 degrees for 45 minutes. Serve warm. Makes six servings.

Rachel B. Stoltzfus, Age 11, Witmer

GRAHAM CRACKER FLUFF

1 package Knox gelatine
1/3 cup water
½ cup sugar
3/4 cup rich milk
2 egg yolks
1 teaspoon vanilla
2 egg whites, stiffly beaten
1 cup heavy cream, whipped

Soak the gelatine in the 1/3 cup water. Mix the sugar, rich milk and egg yolks. Cook for 1 minute, stirring constantly. Remove from heat, add gelatine and vanilla. Chill until mixture begins to thicken, then add the beaten egg whites and whipped cream.

Crumbs: Melt 1½ tablespoons butter and 3 tablespoons sugar together. Mix with 12 crushed graham crackers. Line bottom of a dish with ½ of the crumbs and pour in pudding. Put remaining crumbs on top. Set in a cool place to chill.

Ruth Ann & Rhoda Ann Miller, Age 9, Hartley, Del.

GRAHAM CRACKER PUDDING

Crumbs:
18 graham crackers
¼ cup sugar
½ cup butter.

Break or crush graham crackers. Add butter and sugar. Line a dish with these crumbs, saving a few to put on the top.

Custard Filling:
1 cup milk
3 egg yolks
1 package lemon or orange gelatine
½ cup sugar

Bring milk to a boil. Add eggs and sugar. Remove from heat, add gelatine. Allow to cool and partly set, then fold in 3 egg whites, beaten stiff, and ½ to 3/4 cup cream, whipped. Pour in dish lined with crumbs. Sprinkle with remaining crumbs and chill.

Noreen Nolt, Age 11, Lowville, N.Y.

(Turn to Page C12)

THE SYSTEMS PEOPLE

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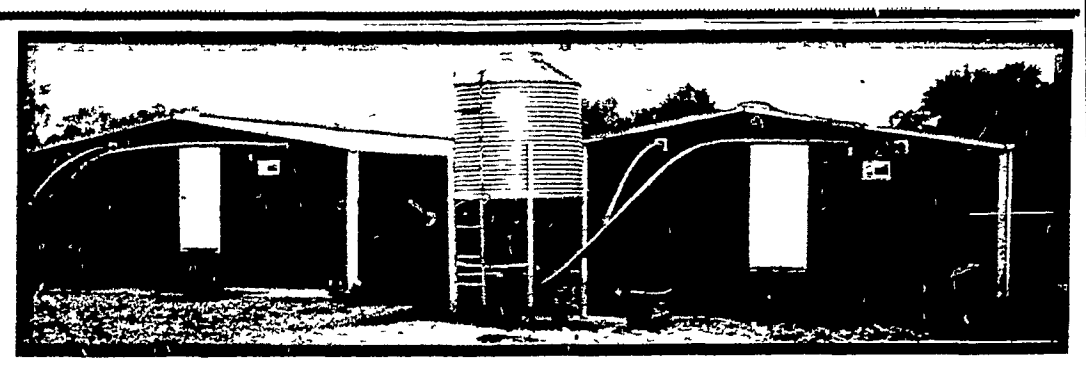

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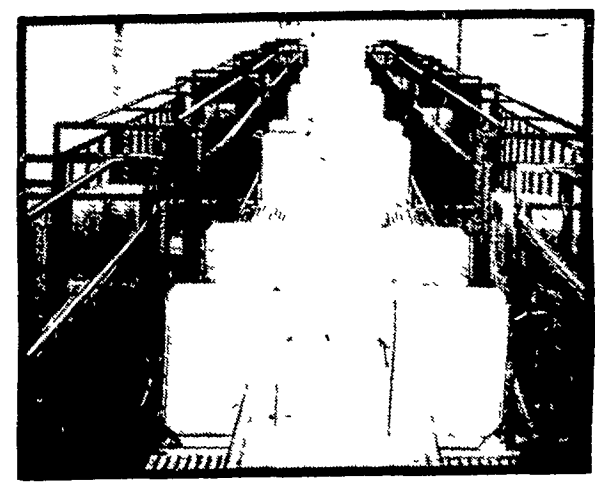

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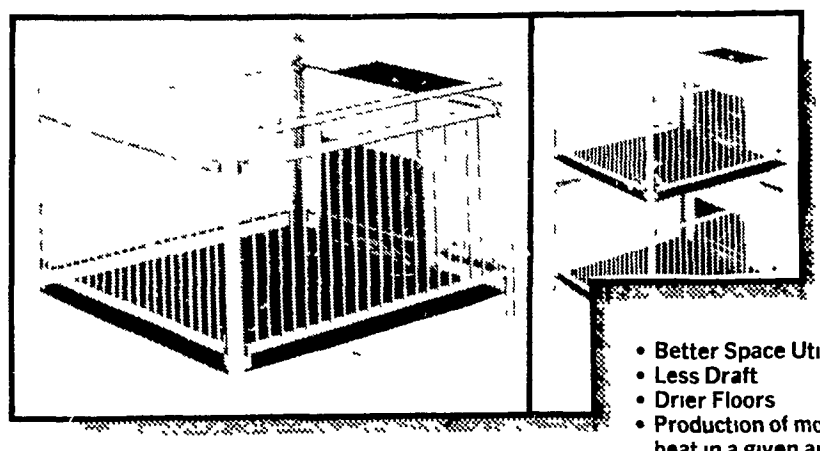

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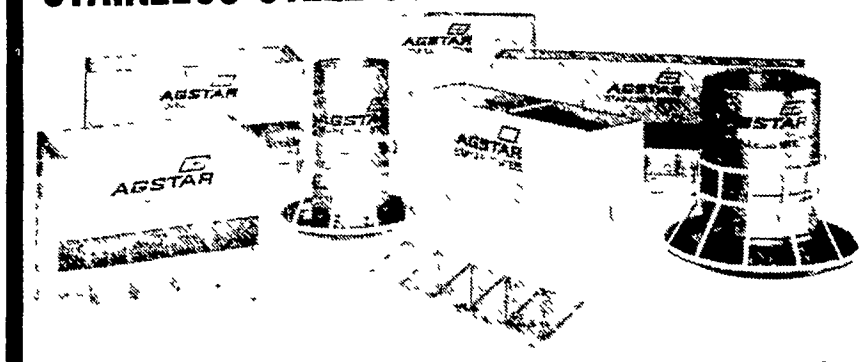

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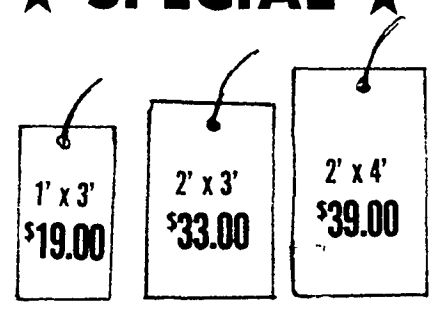

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Junior Cooking Edition

(Continued from Page C11)

BANANA BOAT PUDDING

Prepare a 3¼ oz. package vanilla pudding and pie filling mix as directed for pudding on package. Cover surface of pudding mixture with waxed paper or transparent wrap. Chill. Fold in 1½ cups miniature marshmallows or 15 large marshmallows, quartered using scissors dipped in water, and ½ cup heavy cream, whipped. Line bottom and sides of 10x6-inch baking dish with vanilla wafers. Pour in half of pudding mixture. Cover with two bananas, sliced; top with remaining pudding mixture. Chill. Makes six servings.

Priscilla King, Age 10, Gordonville

GRAHAM CRACKER PUDDING

2 cups milk
1/3 cups sugar
3 tablespoons flour
1 egg
½ teaspoon salt
1 teaspoon vanilla
2 cups sliced bananas (may be omited)

Combine flour, sugar and salt. Add ½ cup milk and stir to smooth paste. Add well-beaten egg. Bring 1½ cups milk to boil. Remove from heat and immediately add above mixture, surring constantly until smooth. Put back on heat and boil one minute, stirring constantly. Remove from heat, add vanilla and chill. Add sliced banana and blend into pudding.

Line dish with cracker crumbs, made from 2 cups crumbs, 4 tablespoons melted butter and 1 tablespoon sugar. Pour pudding into dish, saving a few crumbs for top.

Geraldine Eberly, Age 13, Annville

STRAWBERRY BANANA FREEZE

1 cup undiluted evaporated milk
10 oz. package frozen, sliced strawberries
1 cup sliced ripe bananas
1 egg
1 teaspoon vanilla
½ cup sugar
red food coloring
3 tablespoons lemon juice

Chill the evaporated milk in shallow pan until soft ice crystals form around edges of pan. Thaw strawberries. Place strawberries, strawberry syrup and sliced bananas in blender or electric mixer. Mash until smooth. Add egg, vanilla, sugar and 10 drops red food coloring; blend well. Whip chilled evaporated milk until stiff. Add lemon juice. Whip until very stiff. Fold in fruit mixture. Pour into 9x5 x 2 3/4 - inch loaf pan. Freeze until firm. Serve in sherbet glasses and garnish with fruit, if desired.

Arie King, Age 15, Gordonville

Light winter snowfall may cause water problems

WASHINGTON, D.C. — Light snowfall and a smaller-than-normal snowpack in several areas of the West may lead to inadequate water supplies later in the year, according to a coordinated report issued today by the U.S. Department of Agriculture and the National Oceanic and Atmospheric Administration.

Norman Berg, administrator of USDA's Soil Conservation Service, said the season's first snowpack surveys taken by SCS field crews in the mountains of the West are not encouraging. Dry fall weather and poor snowpack may result in below normal runoff for a large area of the West.

Exceptions include portions of the Upper Colorado, South Platte and Arkansas River basins, where near average streamflow is forecast. Southern Oregon and northern California area also expected to receive near average supplies.

If present trends continue, Berg said, much of the desert southwest will receive only about half the normal snowmelt runoff this year. The snowpack is well below average in this region. The headwaters of the Missouri River basin in Montana and across much of Wyoming, Idaho and eastern Nevada are also well below mid-January normals.

Reservoir storage is variable. Arizona and New Mexico impoundments are at excellent levels, Berg said. Reservoir storage is in good supply in California and the intermountain area but poor in the Columbia basin and Nevada. Lake levels are below their mid-January normals in much of Idaho, Montana, Washington and Oregon.

SCS surveys snowpack and monitors snowmelt at about 1,600 sites throughout the West and Alaska each month from February through May. In cooperation with the National Weather Service of NOAA, U.S. Department of Commerce, these data are analyzed and monthly forecasts of runoff and water supplies are issued for irrigation and other uses for the coming year.

Snow accumulated during winter and spring provides about 75 percent of the western water supply during the year.

Adams Beef Producers set meeting dates

ABBOTTSTOWN — The Adams County Beef Producers Association will hold the fourth annual beef ball and parade of bulls on Saturday, March 15 at the Altland's Ranch, Abbottstown, according to Judy Crum, chairman of the event.

The prime rib dinner will start with cocktails at 6 p.m

Frank Darcey Jr. is arranging the parade of bulls, which will include a Charolais, a Polled Hereford and a Hereford bull. Dancing will be to the music of "The Desciples". Tickets are $20 per couple and may be obtained from Linda Darcey, 717/334-9696.

Officers of the Association for 1980 are: President, Paul Heffner; Vice President, Stanley Wolfe; Treasurer, Craig Peterson; Secretary, Rebecca Darcey; Program Director, Fred Crum; Publicity Director, Faith Peterson; and Director-at-large, Robert Hay.

The next meeting of the Association will be held at the Bonanza Restaurant in Gettysburg on February 12 at 6:30 p.m., and will be a Dutch Treat Dinner.

Program will be the election of the 1980 beef queen and young cattleman.

Rose import relief sought

WASHINGTON, D.C. — The U.S. International Trade Commission has been asked by Roses, Inc. to investigate cut flower imports.

And, on February 25, 1980, the ITC will hold a hearing in Washington on views presented on roses only.

In 1977 the ITC had investigated general cut flower imports but decided that import relief was not necessary to protect the domestic industry.

Domestic rose growers in Pennsylvania and elsewhere have been watching the rose imports' rate more than double in 1979, moving for some 16.5 million roses in 1979 to an estimated 35 or 36 million blooms for 1979.

It will be enlightening to follow the outcome for many reasons: Pennsylvania is in second place nationally with 11 percent of domestic value ($9,735,000 in 1978) and California is first with $30,777,000.

A hearing such as this usually generates valuable additional information and perhaps significant insight into the future, especially regarding Colombia, Israel, and the Netherlands as well as domestic.

The rose industry has reportedly hired "one of the best" to represent them at the hearing.

The rose had the best (highest) domestic price increase of all major cut flowers in 1977-78, and roses represented almost 40 percent of domestic major cut flower value.

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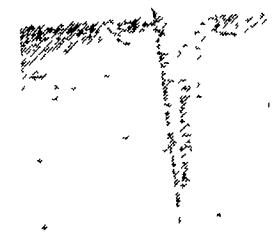

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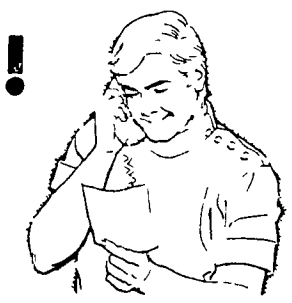

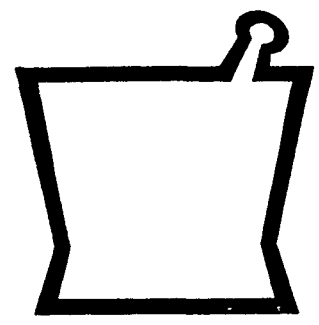

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Karen Markey named York County Apple Queen

BY PATRICIA GREEK
Staff Correspondent

RED LION — At 18, Karen Markey has become what many girls only dream of being, a queen.

She was chosen the 1980 York County Apple Queen at the annual York County Fruit Growers banquet held January 19, at Rutter's Restaurant, Red Lion.

Karen resides in rural York with her parents, Mr. and Mrs. Ronald Markey and her younger sister, Joyce. Joyce may very well become York's Apple Queen in the future if she follows in her sister's footsteps.

Karen graduated from High School in 1979 and is currently attending York College. She is studying for her Bachelor of Arts Degree in Speech Communication. Eventually pretty, outgoing Karen wants to go into Public Relations.

In the meantime, York's new First Lady of the Apple Industry is leading a very full, busy life.

Karen finds time to work a part-time job in a department store and even help out at home.

She is a member of York College's Forensic Society, a speech team. The members of this Society travel around to many different colleges and make speeches. They are then judged on their speech and given awards.

Karen has become a member of Phi Kappa Delta, a National Honor Society for speech competition.

"You have to have at least 15 rounds of competition to be chosen to this Society," stated Karen.

The Markeys have been growing apples for 42 years. Their farm consists of 100 acres with 10 acres of apple trees, and 4 acres of peaches. The rest of the land is used to grow small vegetables such as sweet corn and potatoes.

Karen Markey is the new York apple queen. She is surrounded by, from left, Mrs. Debbie Barton, chairman, apple queen committee; Kathy Boyd, Pennsylvania Apple Queen; and Paul McPhereson, president, York County Fruit Growers.

Laying hens are also a part of the farm. All of the Markey produce is sold retail at the Central and Eastern Markets, York. They grow many kinds of apples such as Red and Yellow Delicious, Jonathan, Stayman and Paula Reds.

As Apple Queen, Karen should have an eventful year. She will be promoting apples all around York County. There will be mall promotions, radio and television spots, newspaper articles and speeches to civic groups to do.

"One thing I will be sure to tell people," Karen remarked, "is that all apples are eating apples. There are not just baking apples, you can eat them too. And people should eat more nutritious apples."

The State Apple Queen Pageant will be held January 29 in conjunction with the State Horticultural Association Convention in Hershey.

Karen will be there representing York County and competing with seven other girls. There will be an interview with the judges and an evening gown competition.

For two years now, York County has been the home of the State Apple queen. In 1978, Sandy Markey, Karen's sister won the honor. This year's reigning queen is Kathy Boyd of Delta.

The following is Karen's favorite apple recipe.

APPLE CRISP

Place in a greased 8" square pan.

4 cups sliced, pared, cored, baking apples (about 4 medium)

Blend until crumbly; then spread over apples.

⅔ to ¾ cup brown sugar (packed)
½ cup sifted Gold Medal Flour
½ cup rolled oats
¾ teaspoon cinnamon
¾ teaspoon nutmeg
⅓ cup soft butter

Bake 30-35 minutes until apples are tender and topping is a golden brown. Oven temperature should be 375°. Serve warm with cream. Makes approximately 6-8 servings.

Karen uses with her recipe either Jonathan, Yellow Delicious, or Stayman apples since they hold their shape while baking. Red Delicious is the best eating apple but is not used for baking as it tends to lose its shape or fall apart.

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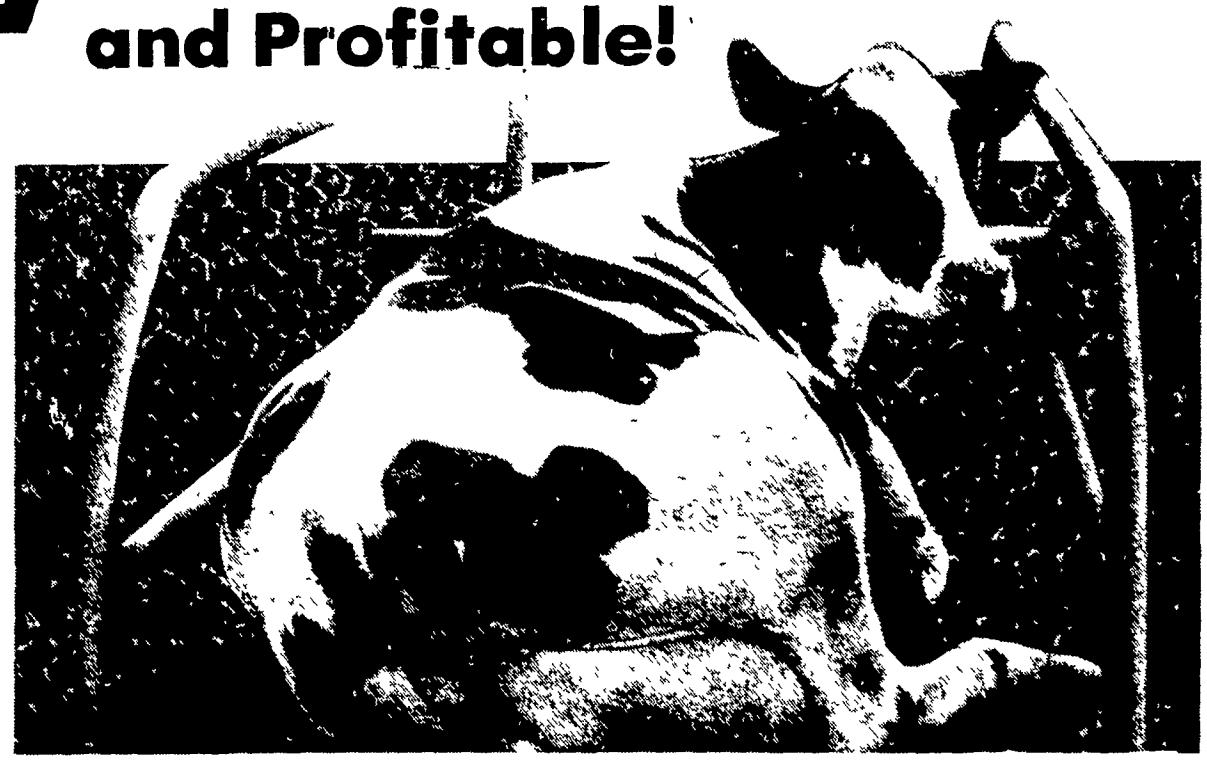

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Pa. sheep industry likely for expansion, profits

UNIVERSITY PARK — The possiblity of an expanding sheep industry in Pennsylvania is very real, participants in a sheep producers conference at the University Park Campus of Penn State were told recently.

"A choice is to look at our own problems and do something about them," Clair Engle, Extension animal scientist at Penn State, told the group.

"The sheep industry will expand when producers set forth to become personally involved and also establish a basic game plan.

"It's important to involve people indirectly in your industry. And this means government, ag-related businesses, financial and educational institutions.

"Efforts should be made by the state association of sheep producers to meet and establish some financial dialogue with the state bankers association. This is most critical to young producers wanting to expand," Engle said.

He emphasized the need to establish a basic game plan. Such a basic plan was created in 1975 by the leaders of the American sheep industry. It calls for action to halt the decline in numbers and to gradually increase growth over a 10-year period. The plan is ambitious. It seeks to increase the live market weight of lambs from current 100-105 pounds to an average of 125 pounds.

The price discrimination due to carcass weight at best appears to reflect the inequities in buying, packing, grading and marketing lambs rather than the preferences of the ultimate consumer.

It also calls for doubling our lamb production over the next 10-year period. Pennsylvania is now producing about 297 million head.

–Increase the weaned lamb crop by 25 percent. To be profitable the lamb weaning percentage must be greater than 150 percent.

–Increase ewe numbers by 50 percent. Presently, it is 12 to 18 million.

–Increase wool production by 50 percent, from current average fleece weight of 7 pounds to 9 pounds or greater.

And all these goals are achievable, urged Engle.

A committee of 40 members are currently working on a blueprint for the expansion of Pennsylvania's sheep industry which will be presented to the Pennsylvania Lamb and Wool Growers Association for adoption. This expansion program will include both short-term and long-term tasks.

Some favorable factors cited by Engle to increase sheep production in Pennsylvania and the Northeast include:

–Large acreages of unprofitable land which is of little or no use for most agricultural production but could be used for raising sheep.

–A greater emphasis on expanding demand for and use of wool.

–In clothing, we can adjust with wool, not the thermostat.

–We can produce a more tender product with sheep on roughage than with beef cattle and do it within one season.

–In the U.S., 2 out of every 3 slaughtered lambs are marketed in Northeastern states.

Producers and potential lamb producers in Pennsylvania have the advantage of supporting the few existing lamb processing plants in Pennsylvania, Maryland, and New York.

Some problems are that many people who don't eat lamb have never tried it. This means Americans would eat more lamb if they tried some of the many delicious ways it can be prepared for eating.

Currently, about 5 million lambs are being slaughtered yearly in the U.S. Those numbers could be doubled without any reduction in market value to the producer. Presently, only 85 percent of the domestic demand for lamb is being produced in the United States.

There are too many self-styled breeders without accurate knowledge of the end results of their products. Performance records are important as a tool for merchandising. We should have larger flocks, 100-head commercial ewe flocks or larger, believes Engle.

Other problems are skimpy funding for research; predation; producer financing facilities and fencing costs; and generally sheep producers have been reticent to accept new ideas.

New management techniques are available to any sheep producer wanting to expand his operation, and the sheep industry needs to produce a commercial volume to survive, added Engle.

Cattle on feed down 8 percent

HARRISBURG — Pennsylvania cattle feeders had 79,000 cattle and calves on feed January 1, 1980 for slaughter market, down eight percent from last year according to the Pennsylvania Crop Reporting Service.

Marketings of fed cattle during the October-December quarter at 19,000 were unchanged from the same quarter a year earlier.

Placements of cattle and calves on feed during the October-December quarter totaled 50,000, also unchanged from the same period a year ago.

Expected marketings during the January-March 1980 quarter, if realized at 25,000, would be four percent less than were marketed during the same period a year ago

In the 23 major cattle on feed states, the total number of cattle and calves on feed was 11.7 million head. This number was down seven percent from January 19, 1979 and eight percent below January 1, 1978.

Placements during the October-December 1979 quarter were 8.10 million, seven percent below 1978 and 15 percent lower than the 1977 fourth quarter. Other disappearances of 571,000 leaves a net placement of 7.53 million.

Marketings of fed cattle for slaughter during the October-December 1979 quarter were 5.73 million, 15 percent below 1978 and six percent below 1977.

Cattle feeders intend to market 6.38 million during the January-March quarter of 1980. If this total is realized, the first quarter marketings would be five percent below 1979 and six percent below the same period of 1978.

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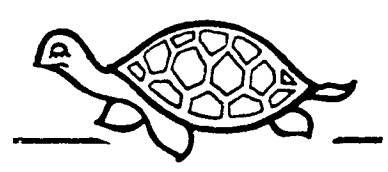

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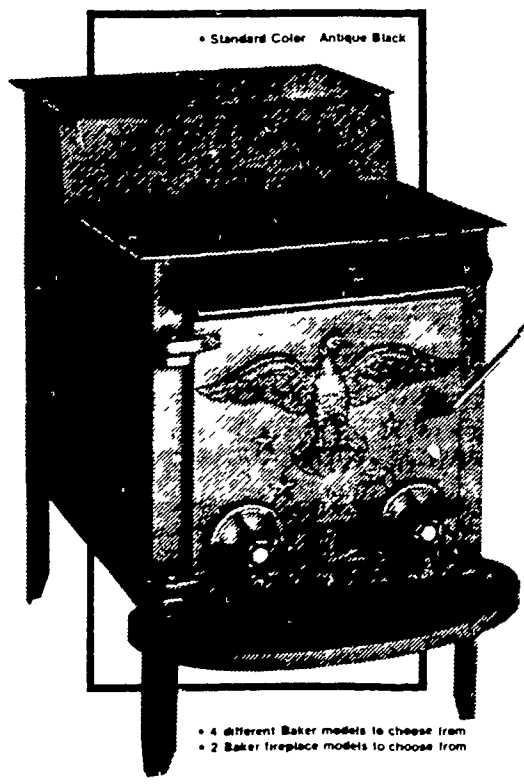

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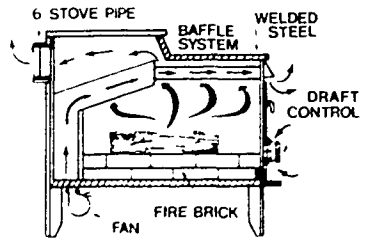

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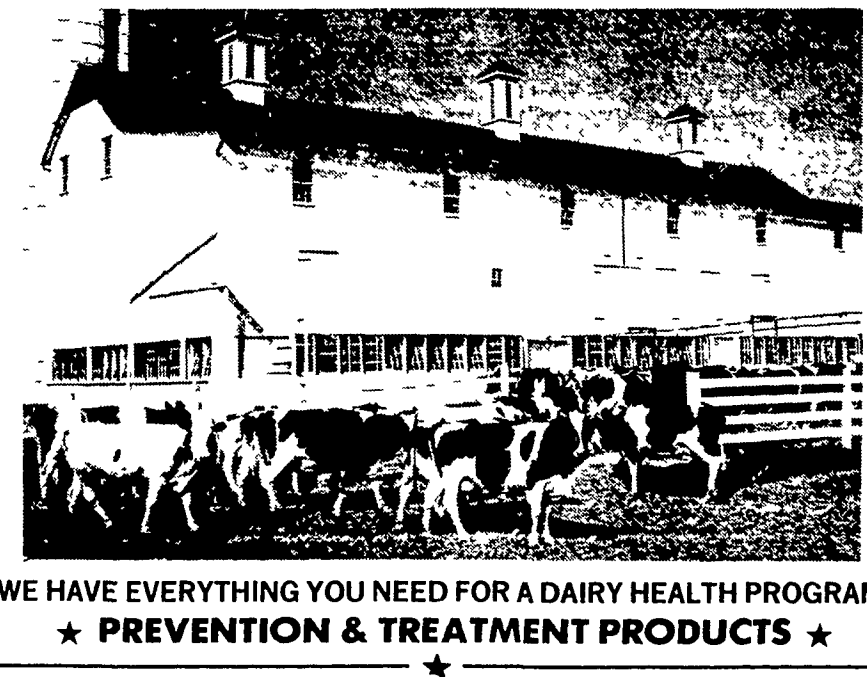

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Eastburn shifts from pumping gas to piping milk

CLAYTON, De. — The up-and-coming Cedarcrest-Vu Farm near Clayton, Delaware had its beginnings in a gas station on the busy Kirkwood Highway between Newark and Wilmington.

Donald Eastburn, Sr., owner of the service station, had no farm or veterinary background, just a sharp eye for a business opportunity.

Though his service station was turning a profit, he was intrigued by some of the things he saw happening at the University of Delaware Agricultural Experiment Station Farm in Newark, particularly Dr. George Haenlein's work with veal calves.

In 1970, with help from Haenlein and retired Delaware extension dairy specialist Dr. Wilbur Hesseltine, Eastburn set up a veal calf operation right next to his gas station

During part of the year, Eastburn filled vacant calf pens with local dogs in need of lodging during the summer vacation period, thereby creating the only combination veal-gas farm station-boarding kennel on the Kirkwood Highway.

At about the same time, Hesseltine involved Donald, Jr. in raising his own Holstein calf to show in the New Castle County Holstein Show. He caught on quickly, soon becoming an enthusiastic 4-H member. Between county fairs, the dairy calf just joined the "menagerie" at the filling station.

After a couple of years, veal prices took a dip so Eastburn phased out that operation in favor of the more lucrative dog-boarding business. But the Eastburns hadn't given up on the idea of farming.

When the family accompanied Hesseltine on an Extension Service sponsored dairy farm tour of Europe, they came home with a strong desire to try out some of the ingenious techniques they'd seen. By that time young Don's calf was almost old enough to milk or sell, so the Eastburns decided to milk.

They kept the gas station but also rented 1800 acres where they grew grain, gradually buying land and farm machinery and traveling around neighboring states to bid on high-quality dairy cows. A neighboring farmer, Ronnie Nelson, milked the cows and gave the Eastburns back the calves.

By June of 1979 they had 25 head, some still kept at the service station next to Shue School. The Eastburns realized they needed to find a more suitable location for their animals, so they made the decision to commit themselves fully to farming.

Eastburn came to the Delaware Cooperative Extension Service seeking help from several specialists in designing plans for a farm. He needed the plans to support his application for a Farmers Home Administration loan to purchase cattle.

The loan was approved and on June 15, 1979, the family moved into a mobile home on their land in Clayton and started building a modern dairy operation from the ground up.

In a sense, Eastburn's inexperience has been an asset. Not having grown up on a farm, he's not burdened by prejudices in favor of familiar old ways of doing things. Instead, he's learning the latest scientifically tested, cost-efficient techniques from the Extension Service and farm magazines. Thus, his up-to-date dairy barn is completely automated and designed for easy cleaning and manure recycling.

One way Eastburn defies the conventional wisdom, with Haenlein's complete approval, is by making haylage instead of hay. In Delaware, Haenlein explains, it generally rains when it's time to make hay in the spring, resulting in delays and ruined hay.

Instead of waiting in vain for ideal hay-making conditions, Eastburn chops the partially wilted alfalfa and blows it into a silo. This haylage is just as nutritious

Donald Eastburn Senior and Junior stand flanked by the shining new silos of their Cedarcrest-Vu Farm near Clayton, Delaware.

for cows as hay, and Eastburn is spared the frustration and financial loss of having rain ruin his first hay cutting.

Rather than selling his grain, Eastburn keeps it to feed his own cows. He puts some of it into the silo while still somewhat wet. There it ferments into so-called "high-moisture corn."

The combination of ordinary silage, high-moisture corn, haylage plus a small amount of concentrates and minerals gives Eastburn's cows a balanced diet and saves him more money than he would have made selling his crops and then going out to buy feed for his cows.

Another unconventional decision Eastburn made was to build a traditional stanchion barn rather than loose-housing or a pre-fabricated corrugated metal barn.

Eastburn has a bigger investment in housing, he admits, but he's building a top-quality registered Holstein herd, and he wants to be able to show it off to best advantage when buyers come to call, particularly since the annual meeting of the American Holstein-Friesian Association is coming to Baltimore, Maryland next year, and top buyers from all over America will be touring area farms.

Eastburn is building his farm with an eye toward the future — his family's future.

Donald, Jr. has graduated

(Turn to Page C1 6)

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Unridable mule to star at outdoor show

HARRISBURG — By popular demand, Scott's Unrideable Mule will once again headline the daily, free stage-and-water show at the 25th Annual Eastern Sports and Outdoor Show.

The Sports Show is scheduled for eight days, Saturday, February 2 through Saturday, February 9, at the State Farm Show Building, Harrisburg.

According to Show Director Richard Libertine, the Unrideable Mule, named Nebraska, was such a hit at the 1978 show, it just had to be brought back. The act uses volunteers from the audience who are asked to mount the mule.

When Nebraska sees the potential riders, he flattens his ears, sidewinds his way across the stage and finally charges, nips and gnaws the person right out of the arena.

Also part of the state-and-water show is the Plunkett Family Trampoline and Highwire Act. This well-known troupe recently returned from the Monte Carlo International Circus Festival where they were invited to appear by Prince Rainer.

The Chips and Sawdust Lumberjack Exhibition is on the bill, too. This act stars Sven Johnson who has won numerous titles as a world champion lumberjack. Among his credits are appearances on Walt Disney and the Donny and Marie Osmond Show.

Of course, the free stage-and-water show is just a small part of this mammoth Sports Show.

There are literally hundreds of exhibits that feature the latest in backpacking, hunting, fishing, camping and recreational vehicles. Boats and marine products are well represented, too, with their own display area.

Special events include daily fishing clinics, a championship BB gun match, a week-long archery tournament and the ever-popular turkey-calling contest on Tuesday evening, February 5. Owl hooting has been added to the turkey-calling as well. Also scheduled is the duck decoy carving and painting contests on opening Saturday, February 2.

New to the show this year is a fly-tying contest on Monday night, February 4 and duck-calling on Wednesday night, February 6.

"All in all," says Show Director Libertine, "this is going to be another great exhibition that will live up to our reputation of the biggest Sports Show in the East."

Hog producers wary

STATE COLLEGE — According to Penn State's Livestock Marketing, hog producers have obviously become more wary of what the future holds.

Last September, producers indicated they would expand farrowings 10 percent in the December 1979-February 1980 period.

The December report from hog producers indicates that they are concerned with overexpansion, and will not farrow only about the same number as a year ago. This is somewhat surprising, since prices for hogs during the fall stabilized at much higher levels than expected.

The December 1 report showed the number of hogs was up 11 percent from a year earlier, and the market hog inventory was up 14 percent. The total number is the highest since 1970. The hog business has gotten a big lift from the current beef shortage.

Beef production in 1979 was down nearly 12 percent from that of 1978. Pork production, on the other hand, increased about 15 percent during the year. The price of pork has been luring consumers to buy more pork and less beef.

In October, the average per pound retail price of beef was 2.24, while that of pork averaged $1.34. This difference of 90 cents made pork a particulary good buy.

Some industry people predict that pork will capture a larger share of the red meat market.

Beef and veal retail prices will show the biggest gains in 1980 in relation to other meats. Beef supplies will be reduced about 3 percent, so beef and veal retail prices could easily rise 7 to 10 percent.

Pork production will increase again in 1980, and retail pork prices could drop 2 to 3 percent from 1979 levels. This will make pork an even better buy, in relation to beef, than it was in 1979.

Poultry consumption may be reduced 2 to 3 percent from 1979 and retail poultry prices are likley to be about the same as in 1979.

•••

All 1979 U.S. crops are worth an estimated $61 billion, up 17 percent over the $52 billion record set in 1978.

Eastburn

(Continued from Page C15)

from high school and works right along with his father.

The two Eastburn daughters, Lynn and Anne, earned degrees in education at the University of Delaware, but both have decided they'd rather work on the family farm. Lynn has already quit a teaching job and has moved back home to tend cows. Anne, who is now driving a school bus, has expressed interest in raising pigs, so her father is looking into expanding the operation to include hogs and also beef cattle.

"This farm has certainly brought our family closer together," Eastburn admits.

It's hard for a visitor to realize that Cedarcrest-Vu Farm, with its substantial barns, 50 head of cattle, manure-handling system, silos and the rest, has been in existence less than a year.

The farm hasn't been around long enough to produce a second generation of animals bearing its own prefix, but the Eastburns are looking forward to a time in the near future when the Cedarcrest-Vu name will be well known for quality.

The Eastburns want their farm to grow, but not so big that the family members can't handle it themselves with the aid of their automated equipment plus a student trainee from the University of Delaware College of Agricultural Sciences, Nancy Overton, who volunteers her services there just for the experience and academic credit.

They want to be able to know their animals well, and to become completely self-sufficient in terms of feed. They're looking into alternative forms of energy for their operation, such as windpower, methane, and methanol. They're also finding out about the latest breeding techniques, and plan to try ova transplants sometime in the near future.

Eastburn says life on the farm is satisfying, and his family's future looks bright. But, he says, nothing necessarily lasts forever. If somebody wants to buy this farm for the right price, they just might consider selling. Then they could share the challenge and adventure of creating yet another modern farm from the ground up.

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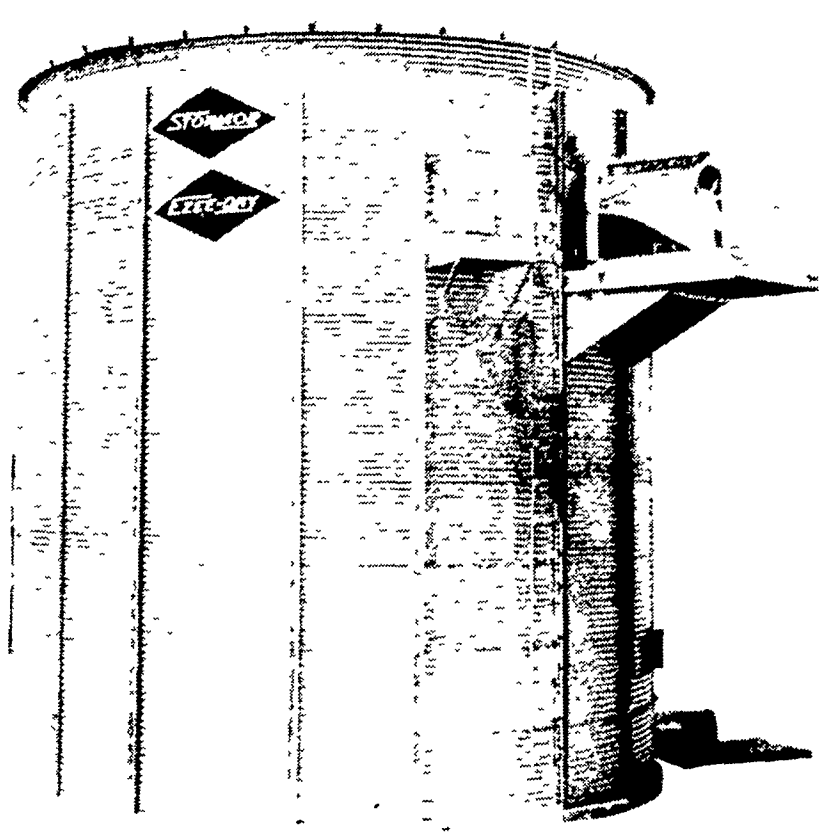

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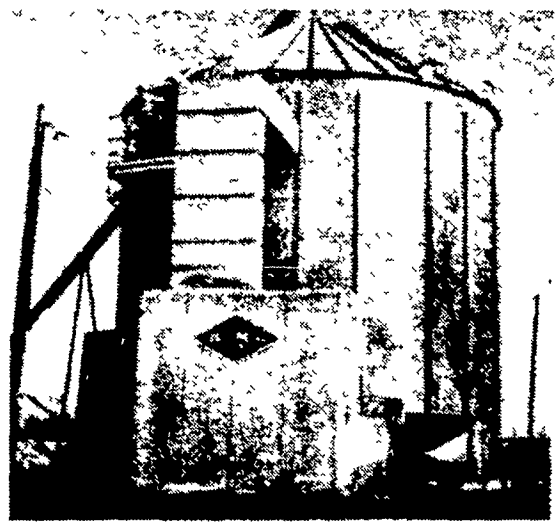

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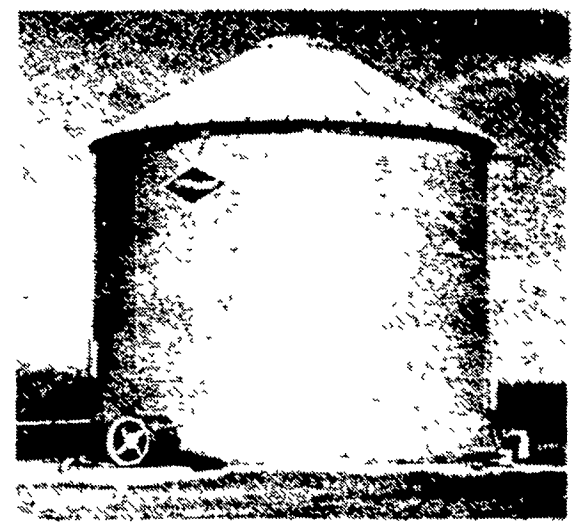

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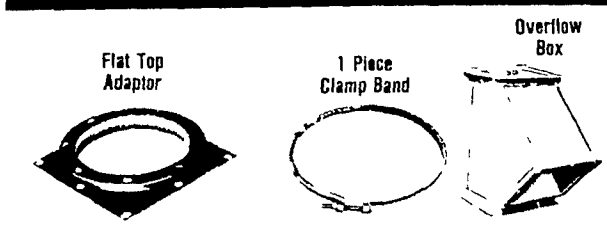

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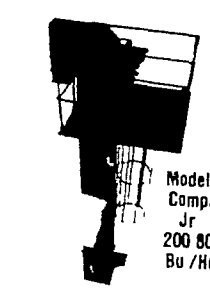

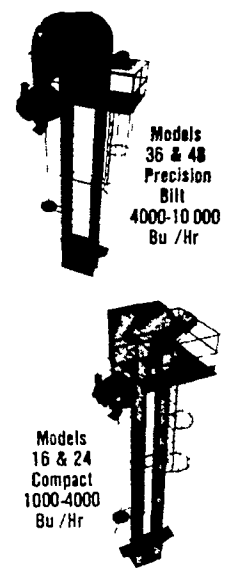

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Free booklet available on ethanol production

GOLDEN, Co. — In order to provide information on the production of fuel alcohol, the Department of Energy's Solar Energy Research Institute has announced the publication of a guide to aid in small-scale ethanol production from farm crops.

"Fuel From Farms: A Guide to Small-Scale Ethanol Production," a product of SERI's Solar Energy Information Data Bank, addresses not only those in the U.S. farming community who may wish to consider the production of ethanol as part of their normal farming operation, but also owners of small businesses, inventors and entrepreneurs.

The 170-page publication is available free to the first 100,000 requestors by writing: U.S. Department of Energy, Box 62, Oak Ridge, TN 37830. Attn: Fuel From Farms.

"We are carrying out a national campaign to place reliable information about ethanol production in the hands of every American farmer, farm owner or potential producer," said Denis Hayes, SERI's Director. "The expanding support for gasohol in this county provides an opportunity to directly reduce U.S. oil imports now and increasingly in the future."

Ethanol, commonly known as grain alcohol, is produced from materials whose carbohydrate (starch or sugar) content can be fermented. This yields a dilute alcohol solution, which is distilled to yield a highly concentrated (greater than 95 percent) ethanol solution.

Ethanol can be added to gasoline in proportions of one part ethanol to nine parts gasoline to produce gasohol, a fuel which performs well in automobiles. Auto and farm equipment engines can be modified to burn straight ethanol as well.

The guide discusses the current status of on-farm fermentatin enthanol production and provides an overview of some of the technical and economic factors, in terms of that small or medium scale farmers can apply to their own situations.

Tools such as decision and planning worksheets and a sample business plan for us in exploring whether or not to go into ethanol production are given.

Specifics of production including information on the raw materials, system components, and operational requirements are also provided.

A special emphasis has been placed on methods designed to maximize the net energy gain over the amount of energy used in raising crops, harvesting and distillation.

"This book is the result of a coopertive effort among SERI staff, DOE and outside experts who were asked to help us assemble the materials," Hayes said.

Production of fuel alcohol during 1979 was estimated to have been 80 million gallons.

The Solar Energy Information Data Bank is a national network managed by SERI's Information Systems Division for the Department of Energy.

Farmers file suit against Feds

WASHINGTON, D.C — A group of farmers and farm workers filed suit against three agencies of the federal government to put an end to what they charged was the unwarranted use of taxpayer funds to finance labor organizing and related activities of the United Farm Workers.

The suit alleges that the Department of Labor, the Department of Health, Education and Welfare, and the Community Service Administration went far beyond statutory authority and acted in violation of their own agency regulations in awarding grants of nearly two million dollars.

Additionally, the suit charges political favoritism in the grants intended to shore up UFW's financial structure and to assist it in organizing farm workers.

Speaking for the principal plaintiff, American Farm Bureau President Robert Delano said it was "high time for someone to stand up and speak out for the taxpayer who is being asked to foot the bill for these strange and extravagant grants to Cesar Chavez."

The challenged grant awards include: — $683,861 from the Department of Labor to establish a Comprehensive Employment and Training Act (CETA) program to train farmworkers in English as a second language and in the skills needed by the UFW to staff its various institutions; — $120,925 from the Department of Labor to develop apprenticeship training programs for farmworkers; — $601,692 from the Community Services Administration and $195,315 from the Department of Health, Education and Welfare to purchase equipment needed to establish a UFW microwave communications system designed to link together the UFW hiring halls without the cost or ordinary telephone service; — and $349,115 from the Community Services Administration to train the staff of the UFW credit union in such subjects as United States labor history, United States farm labor history, UFW union structure and the UFW constitution

Plaintiffs in the suit, filed in the U.S. District Court for the District of Columbia, include the American Farm Bureau Federation, the California Farm Bureau Federation, the Kern County (Ca.) Farm Bureau, and then individual farmers and farm workers

Plaintiffs contend that if the suit is successful, the agencies will be ordered to disburse no further funds pursuant to the grant awards, to recover all funds already disbursed and illegally spent, and to recover all equipment illegally purchased with federal funds.

More importantly, significant legal precedent would be established restricting the federal government's use of federal tax funds to support union organization and other activities, and to require close scrutiny and accountability by responsible government officials in disbursing the taxpayers' money.

Fulton Grange names committee members

OAKRYN — Fulton Grange No. 66 met in regular session January 28, 8 p.m. at their hall in Oakryn, Lancaster Co., with the Master, Thomas C. Galbreath, presiding.

Mrs. Clifford Holloway III, chairman of the youth committee, announced plans for a Grange bowling party at the Quarryville Recreation Center Sunday, Feb. 3, 8 p m. They also planned a code reading class to be held February 22, 7·30 p.m at the home of the Master.

The Master announced the following committees. Women's Activities - Mrs. Charles Wallace, Mrs. Thomas Galbreath, Mrs. Richard Edwards, Mrs. Ira Welk, and Mrs. Samuel E. Rhoads; Youth - Mrs Clifford Holloway III, Debbie Rhoads, Mr. and Mrs. LeRoy Welk, Agriculture - Arba Henry, Donald Trimble and Charles Wallace; Membership - Charles McSparran, Mrs. Doris Brown, J Stanley Stauffer and Mrs Rebecca Quinn; Tours - Clifford W. Holloway Jr, J Everett Kreider, Mrs William Rhoads and C G McSparran; Young Marrieds - Mr. & Mrs. Edward L. Zug; Legislative - Richard Lefever; Hospitality - Mrs. Thomas C. Galbreath.

Mrs. Howard Miller reported the Oakryn Senior Citizens had their bus full to go to the Ice Capades at Hershey. The weather was ideal. They had dinner together and had a grand time.

Arba Henry, head of the Agriculture Department of Solanco High School, and FFA students Kim Landis, Tina Bucher and David Holzhauer presented the program. They showed slides taken by David Holzhauer and told about their trip to the National FFA Convention in Kansas City, Nov. 7th to 9th., 1979. Others who went were Gary Eberly, Betty Trimble, Troy Groff, Leslie Barnes and Ag teachers Ronald Althoff and Arba Henry. They travelled 2588 miles through Md., Va , Ky., Mo., and Ohio. Mr. Henry told about seeing the Agriculture Hall of Fame.

Mr and Mrs. Edward Zug will be in charge of the program at the next meeting Feb 11th

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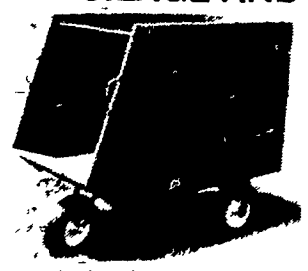

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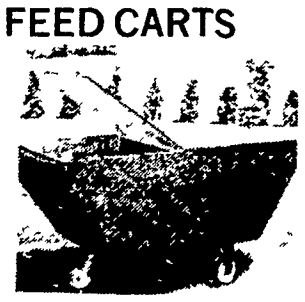

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Lancaster Co. woman wins state apple recipe contest

BY SHEILA MILLER

The 1979 blue ribbon winner of the Pennsylvania Apple Marketing Board's recipe contest went to Edith Kampen, of Brickerville, Lancaster County.

Her first place recipe, called Streusel 'N' Apple Cream Pie, walked away with the judges' taste buds. And, Mrs. Kampen walked away with a check for $200.

This was the first year Mrs. Kampen entered the recipe contest, although she had entered some contests at the Ephrata Fair

The recipe she chose for her entry was one she had tried ten years ago and it had turned out "lousy". When she heard about the AMB contest on a local radio station, she decided to dig the recipe out of her file and try to make it better.

Starting after Thanksgiving, Mrs Kampen started experimenting. "I baked about a dozen pies until I got it right," she said. "I kept asking my husband, Nikolaus, if he was getting tired of eating them; but he said as long as I keep baking, he'll keep eating."

One day when she was in a hurry to get her pie in the oven, Mrs. Kampen did something a bit differently than she had done before. Instead of baking the cheese-filling for 20 minutes and then adding the crumb topping and baking again, she just threw all of the ingredients together.

"That's what it needed," she beamed."The cinnamon and spices had a chance to bake through the filling and it made all the difference."

Apples are one of Mrs. Kampen's hobbies. She has Red and Yellow Delicious apple trees in her back yard, along with a Smokehaus tree in its second bearing year.

Mrs. Kampen grew up on a dairy farm near Brickerville, and was one of a family of eleven. She said there was always a lot of cooking going on.

She still continues to enjoy cooking, but now it's for her husband and five children, Rosanne, 13, Martin, 12, Loren, 9, Katrina, 5, and Anthony, 11 months.

Edith Kampen took top honors for her Streusel 'N' Apple Cream Pie recipe

Getting her recipe perfected, while taking care of her family, was sometimes hectic, she said, but it was fun.

The 1979 Apple Recipe Contest marks the fourth year for the competition which is open to any Pennsylvania resident, said Alan Gallagher, marketing representative for AMB.

This year over 500 entries were received by the Pennsylvania Department of Agriculture. In December, a panel of three judges narrowed down the competition to the ten best recipe finalists These people were notified and were asked to make or bake their recipe for the contest held on January 29.

This final competition was held this past week in conjunction with the State Horticultural Meetings in Hershey.

The judges tasted each of the recipes and, after much deliberation, selected the winners.

Other winners included: second place - Estrid Cosgrove's Apple and Almond Cake; third place - Bill Oransky's Candied-Brandied Apple Cheesecake; and fourth place - Shirley DeSantis' Apple Cheesecake Surprise.

The panel of judges were well qualified for their task. Patricia Huff is a home economist for the Penn State Extension Service in Dauphin County; Jana Georges is Secretary-Treasurer of Foodaction, Camp Hill and she is a gourmet cook; and Silvio Giusti is the owner of Alva Restaurant, Harrisburg.

Gallagher noted the purpose of the contest is to promote the use of Pennsylvania apples, and to get people to use apples in preparing their meals.

He said a recipe booklet will be available this summer at roadside markets, from apple growers, and from the PaDA. This booklet will contain the recipe entries for the 1979 contest.

(Turn to Page C24)

Shirley DeSantis accepts her prize money from Guy Donaldson, chairman of the Pa. Apple Marketing Board.

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Here's what's new for 1979 income tax returns

PHILADELPHIA — In an effort to combat inflation, Congress has broadened the tax brackets. This is just one of many changes that will affect individuals and employers filing their income tax this year.

John W. Munnell, CPA, President of the South Central Chapter, Pennsylvania Institute of Certified Public Accountants, says there are a few important changes affecting individuals filing their 1979 Federal Income Tax Returns.

The zero bracket amount, previously known as the standard deduction, has been raised to $2300 for single individuals and $3400 for married couples filing jointly. Generally, individuals who don't itemize deductions, such as contributions, interests, taxes, etc., can use the convenient short form 1040A, taking advantage of the ZBA.

Many taxpayers wonder about the difference between a deduction and a tax credit. An itemized deduction is an amount that is subtracted from wages, salaries, tips, etc. when arriving at taxable income. Typical deductions include: real estate taxes and home mortgage interest, large uninsured medical and dental expenses, charitable contributions, certain loses and other expenses.

A credit, on the other hand, is the amount subtracted directly from the income tax due. Some common tax credits are the residential energy credit, credit for the elderly, investment credit, child care credit and foreign tax credit. Other adjustments can be made to income through certain disability pensions, moving expenses, employee business expenses and alimony.

A political contribution can no[illegible]e taken as a credit, offering a better tax benefit than the old deduction. This new rule allows for a credit of up to $100 on a joint return and $50 on an individual one.

Gasoline tax is no longer an itemized deduction, but it is still deductible as a business expense. The mileage rate, for business use, has been increased from 17 cents to 18.5 cents; the mileage rate for charitable, medical and moving expenses has been raised from seven cents and eight cents.

Unemployment benefits and disability benefits will be taxed for the first time this year in some cases.

The refundable maximum earned-income credit for parents in low-income brackets has been increased to equal 10 percent of the first $5000 of earned income. If you have no tax liability because you do not meet the income requirements, you may still be eligible for the credit. Simple file a tax return, and if your tax bill is less than your credit, the difference is refunded. The credit starts decreasing, however, as your income increases beyond $6000 and is completley phased out at $10,000.

Working parents who claim child care costs may now pay a relative to provide child care as long as the relative is not a dependent.

CPAs say that employers, too, will want to note some changes. The jobs tax credit, devised to encourage hiring, has been modified to place emphasis on the hiring of specific groups of people including Vietnam veterans, certain welfare recipients, handicapped people, young people and some ex-convicts.

The rules covering tax-qualified pension plans have been expanded to make it easier for a small employer to take care of his employees' retirement needs through contributions into the newly-formed "Simplified Employee Plan." This plan is an Individual Retirement Account (IRA) which an employee established and maintains and the employer makes contributions. When the employer does not contribute at least $1,500, the employee can contribute up to this amount or 15% of income, which ever is less.

Keeping up with changes in income tax rules is difficult, but important to the individual filing their own return, hoping to take advantage of as many tax breaks as possible.

Kenaf may replace wood in newsprint research

UNIVERSITY PARK — A grant to study kenaf, a fiber-producing plant that shows promise as a substitute for woodpulp used in the manufacture of newsprint, has been funded by a Pennsylvania newspaper to the agricultural experience station at Penn State.

In announcing the one-year project, James M. Bettie, dean of Penn State's College of Agriculture, said that William K. Ulerich, publisher of The Progress, the Clearfield area daily newspaper, pointed out that there are extensive studies under way in the southwestern United States. The purpose of the grant is to see how well kenaf grows in Pennsylvania.

Tentative sites selected for the tests are the Southeastern Field Research Laboratory near Landisville in Lancaster County and Rock Springs Ag Research Center in Centre County.

"We have been told," Beattie pointed out, "that publishers are encouraged by kenaf's phenomenal ability to grow. Reports show that under good conditions the annual, unbranched kenaf plant grows 10 to 20 feet tall in dense, cultivated stands containing 75,000 to 100,000 plants per acre.

"In the fall, such a stand of kenaf resembles a forest of giant matchsticks. Most of the kenaf plant is fiber suitable for pulping."

Elwood O. Hatley, associate professor of agronomy extension and project leader for the study, said kenaf has been grown on a limited commercial basis in the Southeast.

"Our objective," Hatley says, "is to see if we can, through manipulating row spacing and plant populations, compensate for the fact that it is a southern crop."

Kenaf has yielded six to 10 tons per acre in the South. Professor Hatley is hoping for yields of six to eight tons per acre at the two locations were kenaf will be grown.

Join the craft caravan

WEST CHESTER — The Chester County 4-H program has a new 4-H project for boys and girls age 8 to 19 called "Crafts Caravan" This project is available for youth who wish to form a 4-H club in their community.

4-H'ers will learn how to make a variety of crafts and discover new colors, shapes, lines and textures. Older members can choose from a variety of other craft projects.

To form a 4-H club you will need an adult leader interested in working with you and five or more of your friends. Contact Jan Renner at the 4-H office for more information, 215/696-3500.

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Economist predicts demand for corn, soybeans

DEKALB, Ill. — "Despite four wonderful crops in the last four years, the world has built no surplus of grain," said John Schnittker, former USDA chief economist and past under-secretary of agriculture, as he spoke during the recent annual meeting of shareholders of DeKalb AgResearch, Inc.

Schnittker said, "A situation like we had in the mid 1970s — high grain prices and shrinking reserves — can easily follow the four best crops the world has ever had, if weather conditions turn a little sour in two of the large grain producing regions.

"The good crops have generated a rapid increase in consumption and even though production this year was as high as we could expect, we anticipate about 30 million tons of grain to be taken out of the world stocks."

Schnittker explained how five countries or regions — the U.S., China, all of Europe, the U.S.S.R. and India — with less than half the world's population, produce three-fourths of the world's grain each year.

Schnittker said, "Because grain production is dominated by these five regions, it is possible to accurately measure and forecast world grain production."

Any major change in the world food situation — surplus or shortage — has been a result of a large crop failure or of a very high yield in one or two of the regions.

In 1972-73 it wasn't only Russia, but also China that harvested poor crops, driving commodity prices skyward, Schnittker said.

"Grains and oilseeds together represent two-thirds of all human food. This is true partly because people like the Chinese and the Asians consume mostly rice, almost entirely vegetable foods and very little meat.

countries, grains and oilseeds are terribly important. They supply a large part of the diet of cattle, hogs and poultry," he said.

Schnittker said the U.S. will export about 90 million metric tons of grain in 1979-80, giving the country a 53-55 percent share of the world's export of grain.

The second closest grain exporting nation is Canada, with only 11 percent of the total world grain exports.

Australia and Argentina are the next largest grain exporters. Each has a seven percent share of total world grain exports.

Schnittker explained the U.S. has absorbed any increases in the world's demand for grain and oilseeds for the last two years.

He said the United States has had a reasonably effective rail and barge system and because there was excess capacity at the ports, we have been able to meet the demand.

"Even though we have gained immensely by having a good rail, barge and port system we are getting to the end of the line," Schnittker said. "Somewhere down the road, whether it's one year or three years, we have to do quite a lot to improve our transport and loading system, if we are to continue to meet the demand for our agricultural products."

In addition to predicted difficulties in delivering the nation's excess grain to market, Schnittker warned of shrinking world grain reserves.

"Despite good crops this year in practically all of the countries of the world, except Russia and India, world grain production has not exceeded a gradual increase trend established over the past 20 years.

"A tremendous momentum for the consumption of grain has begun," he said.

"Most of the countries in the world have increased their livestock production and set new targets in their five-year plans for more meat, more milk and more eggs."

Due to increasing demand and shrinking reserves, Schnittker expressed optimism about corn prices in 1980. He was mildly pessimistic about soybean prices.

He explained that domestic and foreign demand has been sufficient to prevent a major collapse in prices after the record harvest. If current projections for soybean harvests in Argentina and Brazil materialize, prices could be substantially lower in the first half of 1980, Schnittker surmised.

Turning to farm income, Schnittker said, "Farmers have been doing fairly well for the last couple of years, but not as well as they would like.

"In terms of real dollars, farmers across the country have an income this year of $10 billion, 40 percent lower than in 1973, which was a record income year for farmers," he concluded.

Vol. inspection — a possibility

NEW YORK, N.Y. — The National Advisory Committee on Meat and Poultry Inspection supported the U.S. Department of Agriculture's proposal to offer a voluntary quality control inspection program in plants were meat and poultry is further processed.

Committee members, representing the scientific community, state governments, industrys, and consumer groups, said it was time to modernize processed products inspection by implementing a voluntary quality control program.

Under voluntary quality control, USDA approves a plant's quality control system and then bases compliance with federal safety and labeling requirements on the plant's own quality control data.

Donald Houston, administrator for USDA's Food Safety and Quality Service, said special technical assistance would be available for small processing operations to prevent larger processors from gaining a competitive edge.

Houston also said measures would be taken to safeguard confidential company data and that USDA would reconsider having the program's logo displayed on products in addition to other official USDA stamps. These specific concerns on quality control were raised by committee members.

At the meeting, Houston and meat and poultry inspection program officials also reviewed:

—the proposed new uses of proteolytic enzymes;

—the status of net weight regulations;

—USDA's study on mechanically deboned poultry;

—the funding and legislative status of federal-state inspection programs;

—USDA's actions to control PCB contaminations;

—the status of nitrites; and

—the comprehensive food labeling proposal.

How to prevent rabbit damage

NORRISTOWN — In fall and winter, rabbits frequently chew the bark of young trees and shrubs, occasionlly to the extent that the plant is girdled and dies.

Bark of seedlings and young saplings is a natural winter rabbit food. To prevent damage, Paul N. Reber, Montgomery County Agent, says it is necessary either to keep the rabbits away from the trees or make the bark distasteful to them.

Mechanical guards such as hardware cloth cylinders, or wraps of heavy weatherproof paper or aluminum foil will often be the most satisfactory for the homeowners

Some chemical repellents give satisfactory protection but they are not always available in small quantities at local outlets. Reber suggests using repellents containing thiram and a chemical sticker.

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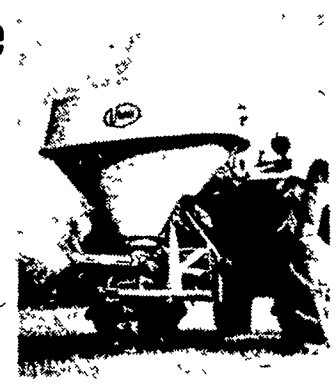

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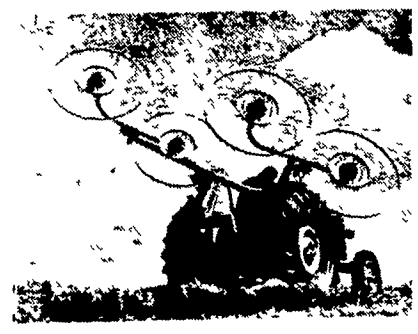
Vicon doublet/mower conditioner

New concept in cutting and conditioning grass

The New Vicon Doublet/Mower Conditioner offers a new concept in grass conservation The Vicon Doublet/Mower cuts, conditions and produces a light airy swath, reducing valuable time required to produce good quality hay and wilted silage Conditioning at the same time as cutting is accomplished by incorporating the same cutter bar as the Vicon Discus disc mower with a conditioning rotor mounted above The sucking action picks up the cut grass and delivers it to the back of the machine in light, fluffy swaths

Vicon acrobat hay rake

Tedds as well as rakes...and costs about one-third less



The Acrobat is a high-capacity ground driven rake with no gears belts or power shafts to break
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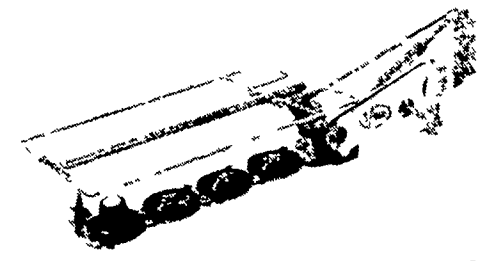
Vicon discus/disc mower



Fast speed and low power requirements

The new Vicon Discus disc mower offers outstanding characteristics of fast speed and low power requirements along with easy setting, safe working, no blockages The Vicon Discus disc mower can tackle the heaviest standing grass as well as laid and tangled crops with a minimum of power No tools are required to change from transport to working position Transporting the Vicon Discus along narrow roads is made easy with the Discus in vertical position

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Recipe Swap

Question: Is there a recipe available for the potato donuts made with potato granules as are served at the Farm Show by the Potato Growers Association?

Mrs. Donald M. Herr, Lancaster

Question: I would like to have a recipe for Sour Buckwheat pancakes, which you allow to raise overnight. My mother would put them in a crock, used potatoes for yeast and never emptied the crock.

Robert H. Peters, Easton

HONEY DROP COOKIES

¼ cup goat butter
1 egg, beaten
¾ cup honey
2 tablespoons goat milk
2 cups sifted flour
2 teaspoon baking powder
½ teaspoon salt
1 cup chopped nuts
½ cup chopped dates or figs
½ cup chopped candied pineapple

Cream the butter and honey, then add the well-beaten egg to the mixture. Add the nuts and fruits, then add the sifted flour and dry ingredients alternately, adding the goat milk a little at a time. Drop on a cookie sheet and bake in a moderate oven for about 10 minutes.

Mrs. John Gochnauer, Columbia, wrote in response to the request for goat milk recipes. She said she simply substitutes goat's milk in her regular recipes, but she included some goat milk recipes from Dairy Goat Journal.

GOAT MILK OMELET

Three eggs separated and beaten. To the yolks, add 1 tablespoon flour, ½ teaspoon baking powder and salt. Then add ½ cup goat milk, beat well and add whites. Have pan hot and pour in omelet and place in hot oven. Bake until firm.

CORN PUDDING

2 eggs, separated
1 cup goat milk
2 cups corn
½ teaspoon salt
dash of pepper
2 tablespoons butter
1 teaspoon flour.

Beat together yolks, salt, pepper, butter and milk. Add corn and flour. Fold in beaten egg whites. Pour into casserole, set in hot water in oven. Bake until set, about 45 minutes.

In response to the reader request for Black Walnut Cake, we received the following from Ethel D. Zimmerman, Lancaster, who says, "I have been baking this cake for several years. We enjoy it and hope others will too."

BLACK WALNUT CAKE

1 cup butter
2 cups sugar
1 cup milk
3 cups flour
2 teaspoons baking powder
1 teaspoon vanilla
1 cup chopped nuts
¼ teaspoon salt
6 egg whites

Cream butter and sugar lightly. Sift flour and baking powder together and add with milk to first mixture. Add nuts and vanilla. Fold in beaten egg whites, add salt. Bake in three eight or nine inch cake pans, greased and floured, in moderate oven at 350 degrees until done. It can be baked in a 10" x 13" pan.

Frosting

3 cups confectioners sugar
¼ lb. butter
1 teaspoon vanilla

Mix together sugar, butter and vanilla. Add a small amount of milk to desired stiffness and cover with chopped nuts.

December red meat production off 8%

HARRISBURG — Commercial red meat production in Pennsylvania during December totaled 81.2 million pounds, down eight percent from a year earlier.

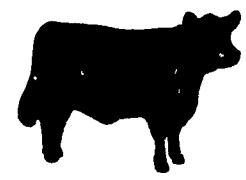
Cattle slaughter at 53,300 head was down 19 percent while calf slaughter at 19,000 head dropped 26 percent from last year.

Hog slaughter at 301,000 head increased eight percent from December 1978.

Sheep and lamb slaughter at 11,800 head was up seven percent from a year ago.

Nationally, commercial red meat production during December totaled 3.08 billion pounds, down one percent from December 1978. Beef production at 1.69 billion pounds was down 11 percent while veal output at 30 million pounds was down 25 percent.

Pork production totaled 1.33 billion pounds, up 18 percent and the 7.64 million head killed was up 19 percent. Lamb and mutton production declined four percent to 23 million pounds.



USDA seeks comments on programs

LANCASTER — The U.S. Department of Agriculture is seeking comments from the public on seven proposals the department has made for possible changes in the nation's soil and water conservation programs

January 28 is the beginning of a 60-day review period on those proposals and the findings of a two-year study and appraisal of the nation's soil and water that USDA conducted.

In its resource appraisal, USDA found that the nation's cropland and forestland has been decreasing at a rate of two and a half million acres a year. Those acres are being converted to housing and industrial developments, highways, and other nonagricultural uses.

The appraisal also shows that 2 billion tons of topsoil erode from the nation's farmland each year, and that nearly half the sediment in the nation's waters is soil that has eroded from cropland

Included in USDA's proposal for changes in the conservation programs is a possibility of federal and state laws that would require farmers to control soil erosion. Also included is a suggestion that farmers might be required to protect their land from excessive erosion before receiving crop insurance, price support payments, low interest loans and other assistance from USDA's farm programs

Another of USDA's alternative strategies is that farmers could be offered stronger incentives to practice soil conservation. Such incentives could include tax reductions, cash bonuses, and low interest loans.

More information about the proposals is available in USDA field offices. Written comments can be sent to the RESPONSE ANALYSIS CENTER, USDA, Box 888, Athens, Georgia 30603.

The resource appraisal, the proposals for changing conservation programs, and the provisions for public comment are all results of a 1977 law, the Soil and Water Resources Conservation Act.

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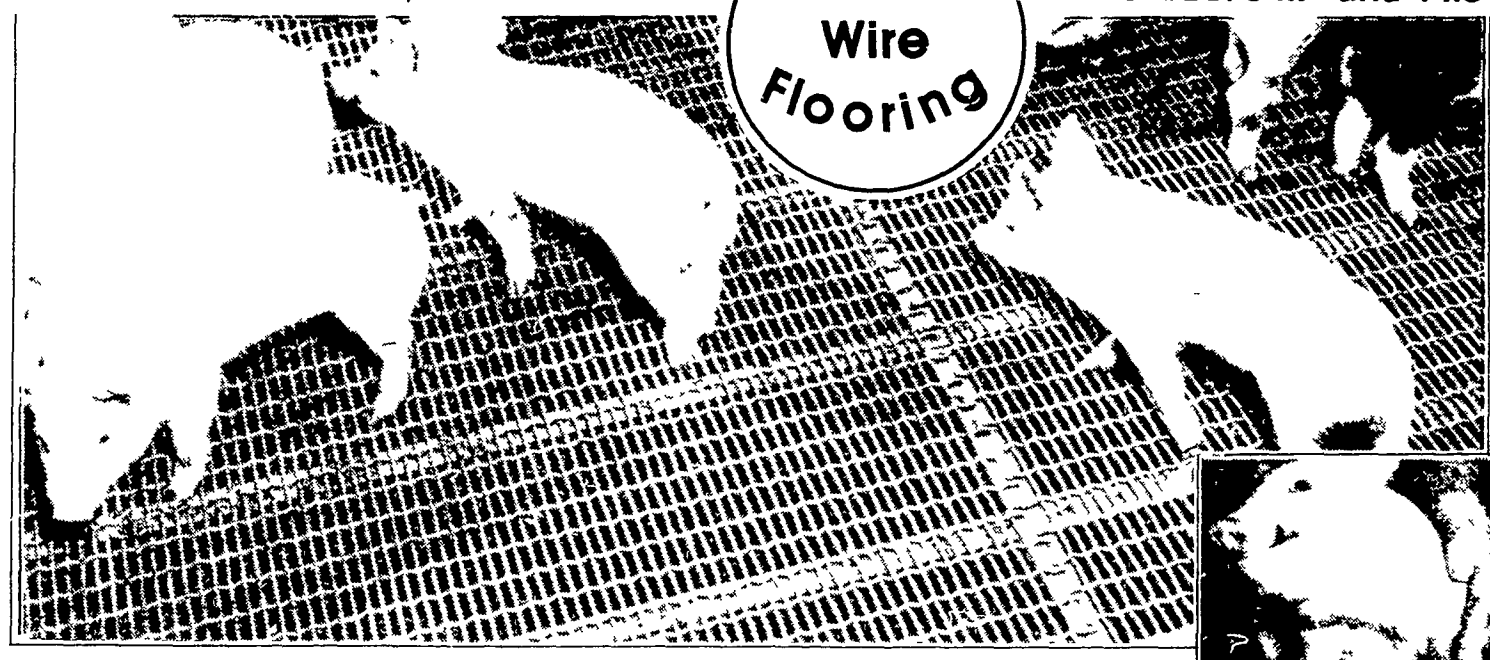

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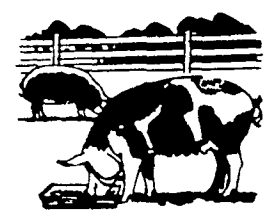

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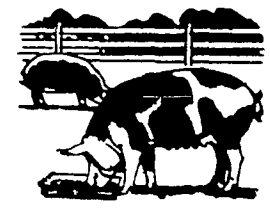

Lancaster Co.

(Continued from Page C19)

STREUSEL 'N' APPLE CREAM PIE

1 cup flour
½ teaspoon salt
⅓ cup shortening
3 to 4 tablespoons cold water
3 cups thinly sliced apples (pared)
½ teaspoon cinnamon

Combine flour and salt in mixing bowl, cut in shortening. Sprinkle with water and toss lightly with fork until dough is just moist enough to hold together. Roll out on floured surface to a circle 1½ inches larger than an inverted pie pan. Fit loosely into pie pan and flute edge. Place apples in pie shell and sprinkle with cinnamon. Spoon cream cheese filling evenly over apples and top with streusel crumbs.

Bake at 375° for 45 minutes. Lower temperature to 350° and continue baking 15 minutes longer or until pie is golden brown and apples are tender. Cool and serve. Yields 1 pie.

Cream Cheese Filling

⅔ cup sugar
2 eggs
2 tablespoons softened butter
1/8 teaspoon salt
1½ teaspoon vanilla
3 oz. package softened cream cheese

Cream together sugar, eggs and butter for 2 minutes. Add salt, vanilla and cream cheese and blend just until smooth.

Streusel Crumbs

⅓ cup brown sugar
¼ cup flour
2 tablespoons softened butter
¼ cup chopped nuts

Mixed together brown sugar, flour, and butter with fork until it forms coarse crumbs. Add chopped nuts.

Edith Kampen, Lititz

CANDIED-BRANDIED APPLE CHEESECAKE

2 cups finely chopped Pennsylvania apples
1 cup mince meat with brandy and rum
2 8 oz. packages cream cheese, softened
1 8 oz. package ricotta cheese
¼ cup honey
6 eggs
1 cup heavy cream
⅓ ¾ oz. package vanilla pudding

In medium sized bowl mix chopped apples well with mince meat. Set aside. In large bowl, combine cheeses and honey; cream until light and fluffy. Separate an egg, reserving the white in a medium sized bowl. Add yolk to creamed mixture and beat until well blended. Repeat with each remaining egg. After all yolks are blended in, add cream and beat well. Add pudding mix; beat until well blended. Fold in chopped apple mixture. Beat egg whites until stiff; fold into batter. Pour into greased 10-inch springform pan and bake 1 hour in 350°F. oven. Turn off oven and leave cake in oven for additional one hour. Remove from oven and cool in pan on cake rack When cool, remove sides of pan and refrigerate. Prepare candy apple topping.

CANDY APPLE TOPPING

2 tablespoons butter or margarine
2 tablespoons sugar
4 medium Pennsylvania apples, pared and thinly sliced (about 4 cups)
¼ pound (16) vanilla caramels
¼ cup water
2 tablespoons corn syrup
1 tablespoon honey
1¼ cups almond slices

Heat butter and sugar in 10-inch skillet, stirring constantly until sugar is dissolved. Add apple slices Cook and stir until apples are tender, about 5 minutes. Cool. In saucepan combine caramels, water, corn syrup and honey, heat until mixture is smooth. Cool slightly. Spread thin coat of caramel mixture over top and sides of cheesecake. Arrange apple slices on top of cake Pour remaining caramel mixture over apple slices. Press almond slices around sides of cheesecake Serves 8 to 10

Bill Gransky, Richboro

APPLE CHEESECAKE SURPRISE

Crust:
⅔ cup unbleached flour
2 tablespoons sugar
¼ teaspoon salt
⅓ cup butter
1 egg yolk, slightly beaten
Filling:
2 packages (8 oz. each) cream cheese, softened
⅔ cup sugar
1 tablespoon unbleached flour
1 teaspoon vanilla
4 eggs
1 egg white
4 cups coarsely grated or finely chopped and peeled apples. (I usually use Pennsylvania Golden Delicious apples).
Topping & Garnish:
½ cup chocolate ice cream topping
1½ cups sour cream
⅓ cup confectionery sugar
1 teaspoon vanilla
Slices of Pennsylvania Golden Delicious apples, if desired

Prepare crust by mixing flour, sugar and salt in small bowl. Cut in butter with pastry blender, stir in egg yolk. Press evenly over bottom of 9-inch springform pan. Bake in preheated 350°F. oven for 20 minutes – until golden. Cool.

Prepare Filling: In large mixing bowl, beat cream cheese and sugar until smooth and creamy. Blend in flour and vanilla. Add the eggs and egg white – one egg at a time – beating well after each addition. Stir in the apples. Turn into cooled crust. Place in 325°F. oven and bake for 55 minutes – or until knife inserted just off center comes out clean.

Remove cheesecake from oven. Carefully spoon or drizzle chocolate ice cream topping over cheesecake; spread with spatula or back of spoon over surface of cheesecake. In small bowl stir together sour cream and confectionery sugar and vanilla. Spoon over chocolate, swirling slightly. Return cheesecake to 325°F. oven for 8-10 minutes. Cool.

Chill cheesecake several hours or overnight before serving. To serve, remove sides from springform pan and place sliced Pennsylvania Golden Delicious apples around edge of cheesecake, if desired. Makes 16-20 servings.

Shirley DeSantis, Bethlehem

JOHNNY APPLESEED PIE

5-7 medium size tart apples
⅔ cup sugar, divided
1 teaspoon cinnamon
1 package (6 oz.) semi-sweet chocolate bits
1 cup prepared biscuit mix
¼ cup butter or margarine
1 9" unbaked pastry shell

Pare and core apples and slice thin. Combine 1/3 cup sugar and the cinnamon. Arrange half the apples in unbaked shell, and sprinkle with half of the sugar/cinnamon mixture and ½ cup chocolate bits. Repeat this omitting chocolate bits. Combine remaining ⅓ cup sugar with biscuit and cut in butter, until mixture is crumbly sprinkle over top of pie. Bake 400° F., 40 minutes or until apples are tender. Sprinkle remaining ½ cup chocolate bits evenly over top of pie, and bake 5 minutes longer.

Nita Dodrer, Littlestown

(Turn to Page C25)

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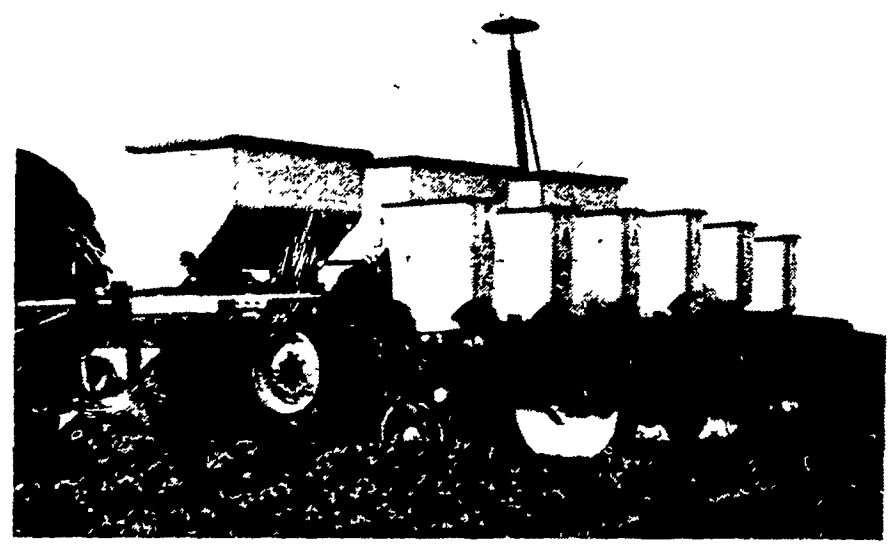

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(Continued from Page C24)

APPLE CIDER UPSIDE-DOWN CAKE

Preheat Oven to 350°F.
Topping:
2 tablespoons + 2 teaspoons butter or margarine
½ cup brown sugar
2 cups apple slices
¼ cup raisins
2 tablespoons chopped maraschino cherries

Melt the butter or margarine in a 9" cake pan (do not let butter or margarine brown). Sprinkle brown sugar evenly over bottom of pan. Arrange the apple slices on top of the brown sugar. Sprinkle with the raisins and cherries.

Cake:
Sift into bowl 1-⅓ cups sifted all-purpose flour
1 cup granulated sugar
2 teaspoon baking powder
½ teaspoon salt
½ teaspoon cinnamon
Add: ⅓ cup butter or margarine, softened
⅔ cup apple cider
1 teaspoon vanilla

Beat the above ingredients together for 2 minutes or 300 strokes.

Add: 1 Egg.

Beat again for 2 minutes or 300 strokes. Pour batter carefully over ingredients in pan. Bake at 350°F. for 40 minutes or until cake springs back when pressed lightly in center. Let cool for 5 minutes, then invert onto serving plate. Room temperature.

Deborah Smith, Harrisburg

WALDORF SALAD CHICKEN ROLL-UPS

4 whole broiler-fryer chicken breasts, halved, skinned, boned and flattened
½ teaspoon salt
½ cup chopped apples
¼ cup chopped celery
¼ cup quartered seedless grapes
¾ cup chopped nuts, divided
3 tablespoons mayonnaise
2 tablespoons sugar, divided
¼ cup vegetable oil
¼ cup water
3 apples, cut into ½-inch wedges (leave on peeling)
1 cup dairy sour cream
½ cup whole seedless grapes

Sprinkle chicken with salt. In small bowl mix together chopped apples, celery, quartered grapes, ½ cup of the nuts, mayonnaise and tablespoon of sugar. Smooth out chicken on board or waxed paper. Place salad mixture on chicken pieces, dividing equally among 8 pices. Fold edges in and roll; secure with wooden picks.

Heat oil in fry pan over medium heat. Add chicken and brown lightly on all sides. Remove chicken and place in baking pan (10 x 6 or 11 x 7-inch) with seam sides down; remove picks. Pour water over chicken breasts and arrange apple wedges around them.

Bake in preheated 350° F. oven with cover on about 15 minutes. Remove pan and cover from pan and top chicken and apple wedges with mixture of sour cream and 1 tablespoon of sugar. Replace cover and return to oven to cook 15 minutes longer. Remove pan and cover once again and sprinkle with remaining nuts and whole grapes. Return pan to oven, uncovered, and bake about 10 minutes longer until chicken is done.

Judy Reynolds, Edinboro

CRISPY APPLE PUDDING

½ cup butter or margarine
¾ cup brown sugar (packed)
1 teaspoon cinnamon
1 teaspoon lemon juice
¾ cup uncooked oatmeal
½ cup unsifted flour
6 medium apples, pared and sliced (any variety)

Cream butter and sugar; add cinnamon, lemon juice, oatmeal, and flour; mix well and set aside. Place sliced apples in an oblong buttered baking dish in layers. Cover with crumb mixture. Bake at 350 degrees for 30 minutes. Cook in dish on wire rack. Yield: 8 servings.

Sister Marguerite Marie, PenArgyl

APPLE TOSCONA

Crust:
1 cup flour
4 tablespoons sugar
4 tablespoons butter or margarine (melted)
1 egg (beaten)
½ teaspoon baking powder
½ teaspoon salt
Filling:
6 apples or 6 cups of sliced and pared apples
1 cup raisins
½ tsp. lemon
½ brown sugar
½ cup white sugar
4 tablespoons flour
1 teaspoon cinnamon
2 tablespoons butter
Dash of salt

Crust - Mix flour sugar baking powder and salt, add melted butter or margarine; last add one egg which you must beat first - if mixture feels too soft or wet add a little more flour until mixture comes away from your hands. Press mixture into one and a half (1½) quart casserole and put in refrigerator fo. twenty minutes.

Filling - prepare apples by sprinkling lemon juice over them add raisins - mix dry ingredients add to apples and put into crust - dot with your butter - make a crumb topping and sprinkle over apples - put apple tosonco in preheated oven 350° F and bake for forty five (45) minutes.

Crumb topping:
¾ cup flour
¼ cup brown sugar
¼ cup white sugar
½ cup butter
cinnamon to taste

Mix dry ingredients; add butter and work in with fingers or pastry blender.

Yolanda Davis, Clifton Heights

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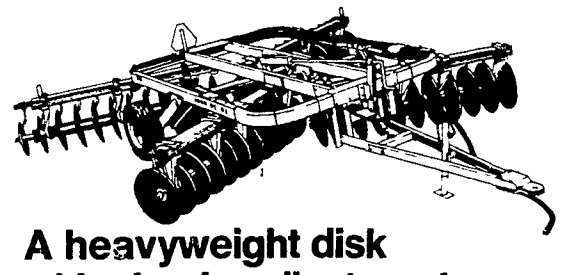

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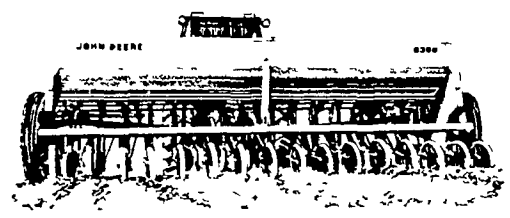

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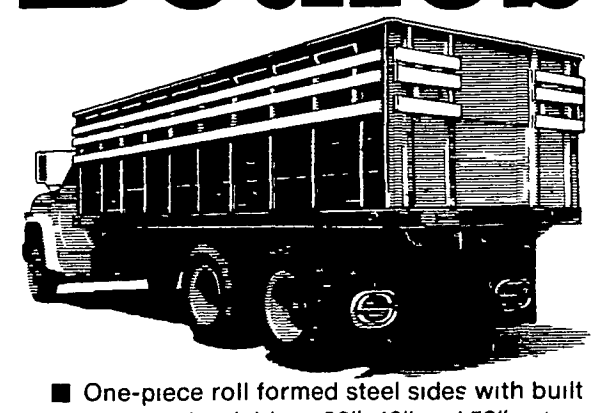

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Farm Talk

Jerry Webb

By now most farmers should have a pretty good idea of last year's crop production.

Things like yield, fertilizer costs, fuel costs, and so on should be obvious. The only unknown at this point might still be price per bushel.

What I'm leading up to is the opportunity to compare your costs with those of farmers throughout the country.

The 1980 Ford Almanac contains a section on production costs for a variety of farm commodities and includes a low, medium, and high category, and a place for you to pencil in your own production costs. It may be a little hard to relate to the almanac's cost and production data, but maybe it's not too far off.

Let's look first at corn. Ford's medium category lists land at $2000 an acre, yield at 120 bushels, and a fertilizer rate of 140-50-55. That's actual pounds of plant food per acre. When all costs are counted, including a $125 per acre land rental rate and $4 an hour for the labor involved, the production cost per bushel of corn comes out at $2.65.

When you deal with average figures, there's certainly room to cut some corners, and maybe the average farmer in this area spends less than $125 an acre to rent land. Of course, if he owns it he doesn't have to spend any money at all except for taxes. But then there is the ownership cost, or ownership value if you prefer, and that is worth something.

Using the highest priced land and the higher costs and yield, production costs still come out to $2.50 a bushel, mostly because of a substantially higher yield per acre – 150 versus 120 for medium. The low cost example, which may be more realistic to many farmers in this area, shows corn yield at 100 bushels per acre, a land rental rate of $100 an acre, and a cost of $2.67 per bushel.

The three examples yield a very obvious truth and that is better land that yields more than lower costs per bushel. Another truth that is fairly obvious–none of the examples have costs that are low enough to be very profitable in today's corn market. And, of course, that leads to the conclusion that if you're going to grow corn and you can't do much about the cost, at least do something about marketing so you're not stuck with $2.75 a bushel for a corn crop that cost $2.67 to produce.

Production cost examples on soybeans are handled about the same way and come out equally gloomy. $7.09 a bushel cost of production on the lowest land quality, $6.29 on medium, and $5.90 on the very best.

Again, the low land quality figures may seem more realistic with yields at 30 bushels an acre and a land rental value of $100. The Almanac divides costs into direct costs and indirect costs. For the low quality land producing 30 bushels per acre, the almanac comes up with direct costs of about $57 an acre

That includes $8.40 for fertilizer, $1.50 for lime, $9 for seed $11 for herbicides, $19 for machine operation, and $8.25 for interest on operating capital and miscellaneous costs. Direct costs include $39 an acre for machinery and equipment, $4.50 for grain storage, $100 for land rental, and $12 for labor.

Perhaps some farmers don't break their costs down quite that way Some don't allow for indirect costs since they already own the land, storage bins, and equipment. And they don't include a labor charge, since whatever is left over is theirs.

But if they're going to be realistic about the costs of producing crops, you must include these items and assign fair value to them.

With 100 bushel-per-acre corn and 30-bushel soybeans, there isn't a whole lot of profit. And a farmer may find it difficult to meet his expenses and feed his family on the $4 an hour allowed for labor.

On the other hand, if he can spread his indirect costs over more acres he can reduce them some. And if there's a little bit of profit per acre and he has enough acres, there's still the opportunity to make a decent living.

The Almanac doesn't attempt to determine profit since it assigns no value per bushel. But it does leave space for you to figure this one on your own. It's a good economic exercise, one that almost any farmer could benefit from, even if he's doing a much better job than the Almanac's averages.

If you're not on the list for this handy little book, talk to your Ford tractor dealer. He should know how to get one. It's loaded with interesting information for home, garden and farm, and it's spiced with a minimum of commercial message.

One closing note picked up from the Almanac. The average American will have to work from January 1 until June 2 just to pay taxes. That means about 42 cents of every dollar earned goes toward government taxes of some kind.

In 1948, that figure was 24 cents of every dollar; in 1957 it was 35 cents; and in 1968 it was 39 cents.

York County extension workshops

YORK — If the winter blahs have you down perk up by learning a new skill. The following classes are being offered by the Penn State Cooperative Extension Service.

- Stop Heat Loss Through Window Treatment - Feb. 13, 9:30-11:30, at Pleasant Acres. Learn how cornices, window shades, and draperies can help control heat losses.

- Beginning Knitting - Feb. 20, 27, and March 5, 9:30-12:00, at Pleasant Acres. Knit a pair of T.V. slippers in class.

- Super and Slimming - Feb. 22, 10:00-12:00, Pleasant Acres. Low calories ideas from appetizers to desserts.

- Reupholster a Chair - starts March 18, 9:30-2:30, at 4-H Center.

- Drapery Class - March 5, 12, 19, 10:00-12:00, at Pleasant Acres. Learn techniques needed to construct a professional look drapery.

- Machine Quilting, March 18 & 25, 9:30-2:30, at Pleasant Acres. Learn to do quilting with your sewing machine.

- Making slip covers - March 13, 25, 26, 27, 9:30-2:30, at the 4-H Center. Make a slip cover for your chair in class.

- Bread Winners - March 27, 10:00-12:00, at Pleasant Acres. Emphasis will be on whole grain breads.

There is a fee for some of the workshops and class size is limited. For more information about the workshops and how to register call the Penn State Cooperative Extension Office at 757-9657.

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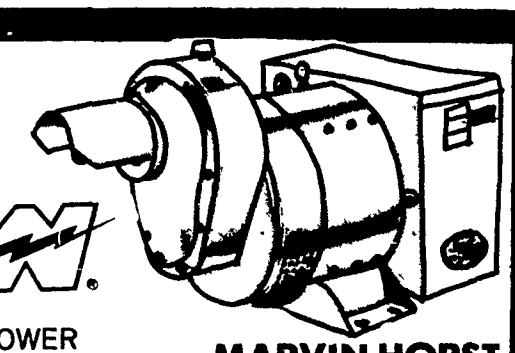

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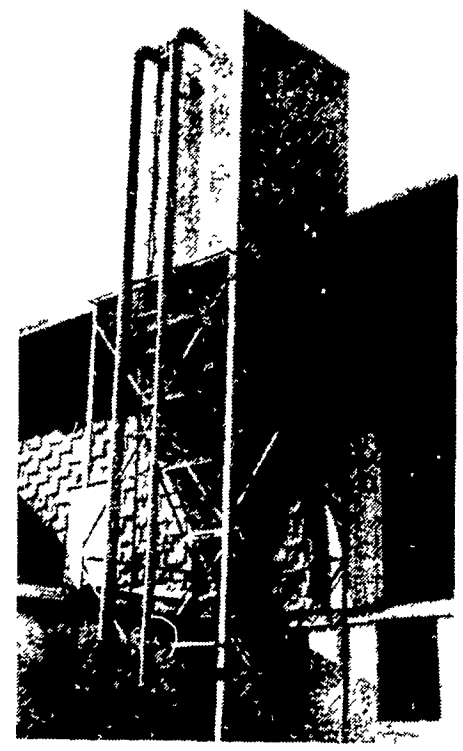

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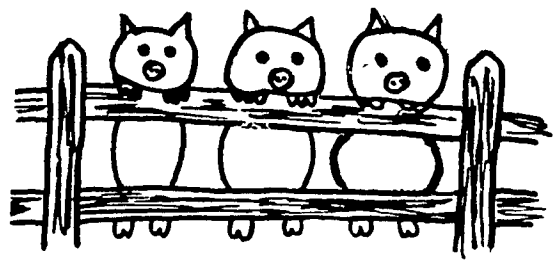

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Farm Bureau wants tougher sanctions against USSR

WASHINGTON, D.C. — Farm Bureau Tuesday called for tougher sanctions against the Soviet Union than those already imposed by President Carter.

Glenn Tussey, a spokesman for the American Farm Bureau Federation, said that if the security of the United States is threatened sufficiently to require an embargo on grain, then the threat is sufficient to justify additional measures to suspend business and cultural relationships in order to "send a stronger signal."

Tussey, assistant director of AFBF's national affairs division, testified before the Subcommittee on International Finance of the Senate Committee on Banking, Housing and Urban Affairs.

"Farm Bureau stresses that an embargo on grain and high technology items and restrictions on fishing rights appear to be an insufficient response to the threat to our national security," Tussey said. "We therefore call for a broadening of U.S. actions to increase the effectiveness of those already taken to counter - Soviet expansionism."

Pointing out that it is impossible to isolate the embargoed 17 million metric tons of grain from the market system to avoid hurting farm prices and income, Tussey suggested the quickest way to move the embargoed grain to other markets would be to restore or increase funds taken from the Commodity Credit Corporation's export credit sales program.

"This would help meet unfilled requests for financing from a dozen or more trading partners who would like CCC funds to finance more than one billion dollars worth of U.S. farm commodities not already covered by lines of credit," Tussey said.

He added that CCC financing of exports is not a subsidy as such credit is extended at regular commercial rates.

CCC export credit funds were halved to $800 million for fiscal year 1980. Farm Bureau would like to see those funds restored to the full $1.6 billion or, preferably, increased to $2 billion, Tussey said.

Glen Rock 4-H meets

GLEN ROCK — The Glen Rock 4-H Club held it's January meeting at Susquehannock High School. A business meeting was held during which the standing committees were appointed.

All officers were reminded of the Officers Training Workshop on January 19. It was reported that the following projects were being started: quilling, crewel, ceramics, tractor and handyman. For more information about these projects call 235-2404. The Club then began work on it's health project.

Bergland reaffirms commitment to science, education council

WASHINGTON, D.C. — Secretary of Agriculture Bob Bergland and Robert Clodius, president of the National Association of State Universities and Land Grant Colleges last Friday signed an agreement extending their sponsorship of the International Science and Education Council for another two years.

In signing the agreement, Bergland said, "We are hopeful that through the Council we can have better planning and closer coordination of the scientific expertise in the U.S. Department of Agriculture and U.S. universities for carrying out international development programs."

The ISEC was established in 1974 as a means of sharing responsibility for public-supported international agricultural development and education efforts. One of its major goals is to encourage joint participation between the federal government and participating universities in development projects abroad.

It will also assist colleges and universities in strengthening their research and extension capabilities relevant to agricultural development activities overseas and help disseminate agricultural findings and new technologies to the international agricultural community and the general public.

The new agreement reaffirms USDA's and the participating universities' commitment to these goals and also calls for the development of annual work plans and budgets for joint projects.

Plans also call for more communciation between participating groups so that the ISEC can serve as a forum for the analysis of programs with emphasis on project planning and effective mobilization of manpower and other resources.

Public comments on labelling regs called for

CHICAGO, Il. — The USDA, FTC and FDA will propose regulations as part of a nearly two-year-old joint labeling revision plan following the public comment period which ends March 20.

According to USDA's Carol Foreman, proposed regulations of interest to meat products include:

— labels to show specific sources of fat and oils for foods with more then 10% fat

— open date labeling for perishable and semi-perishable processed products like bacon, frankfurters, sliced luncheon meats and sausage; nutrition labeling for meat products about which nutrition claims are made or to which nutrients are added

— definitions of the terms "low cholesterol," "reduced cholesterol," and "cholesterol-free"

— and standardized serving sizes for meat products.

As yet, USDA and FDA do not have positions on labeling of imitation and substitute foods, format for nutrition labeling, and what information should be required on nutrition labels. Foreman expects the two agencies to take positions on these issues by June 1.

Mid-January broiler numbers still climbing

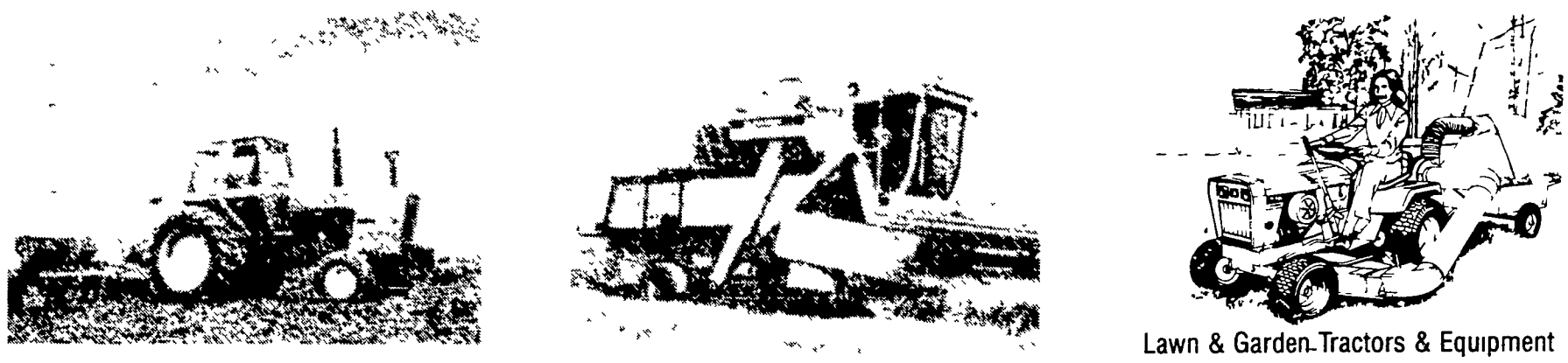
HARRISBURG — Placements of broiler chicks in the Commonwealth during the week ending January 19 were 2,176,000, according to the Crop Reporting Service.

The placements were eight percent above the previous week and four percent above the corresponding week a year earlier. Average placements during the past nine weeks were four percent above a year earlier.

Placements in the 21 key poultry producing states were 77,371,000, one percent below the previous week but five percent above the same week a year ago.

Average placements during the past nine weeks were four percent above the same period in 1979.

Broiler-fryers slaughtered in Pennsylvania under federal inspection during the week ending January 9 totaled 2,038,000, with an average liveweight of 4.09 pounds.



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Young farm workers need training exemptions

NEWARK, Del. — Farm employers should insist that young employees and summer help have training exemptions before working on a farm, according to Delaware extension safety specialist Ron Jester.

The child labor provisions of the Fair Labor Standards Act state that youth under 16 cannot be employed in certain hazardous agricultural operations unless they had special training and received a certificate.

The provisions do not apply to youth working on the farms of their parents or guardians, but the training is still essential, says Jester.

Among the hazardous jobs not open to youth are operating a tractor over 20-belt horsepower, operating or assisting with the operation of certain pieces of farm machinery, operating or assisting with trenchers, fork lifts, chain saws, or other types of machines, and working inside airtight produce and grain storages or silos.

Other forbidden jobs involve working at high elevations, handling hazardous materials, working pens with breeding stock, handling explosives or anhydrous ammonia, working in heavy timber operations, transporting passengers in buses, tractors, trucks or autos, or riding on a tractor as a passenger or helper.

In certain of these operations, notes Jester, 14- and 15-year-old farm workers can receive exemptions if they have completed formal training in these areas.

Training programs available for 14- and 15-year-olds teach them about normal working hazards involved with tractor and farm machinery.

Written and operational examinations test their knowledge of the correst use of machinery.

Exemptions are also available for 4-H youth who have completed specific training requirements, and for students who have completed certain units in the Vocational Agriculture Training Program.

The Delaware Extension Service is currently setting up training programs in tractor and farm machinery safety. These will be similar to correspondence courses, with formal classes interspersed throughout the eight-week program. The deadline for registration is January 25.

For further information contact county extension agents or 4-H youth agents in New Castle, Kent, or Sussex counties, or Ron Jester, at the University of Delaware Substation in Georgetown.

Wool grower calls farmers "sacrificial lamb" for U.S.

SALT LAKE CITY, Utah — R. J. Rich, chairman of the board of directors of the National Wool Growers Association, said he was not surprised at the Carter Administation's grain embargo of the Soviet Union.

In remarks before the 115th meeting of the nation's oldest livestock organization, Rich said "agriculture is usually always the 'sacrificial lamb' whether it is the environment, the economy or foreign affairs."

"We are in sympathy with our farmer friends," said Rich, "because the Wool Growers know very well how capricious the Administration is toward agriculture."

He cited President Carter's 60 percent reduction in wool tariffs, the recent Andrus predator control program protecting coyotes at the expense of sheep and Secretary Bergland's condemnation of wool grower efforts to control lamb imports on similar actions.

"Throwing corn at the Russian Bear is not going to scare him off," said the Burley, Idaho, rancher, referring to the Russian invasion of Afghanistan.

"It will, however, have economic and political repercussions in this country."

Rich went on to praise sheep producers in the U.S. He predicted that sheep numbers in America would show an increase over 1979, halting a 20-year decline.

"This is a tribute to our determination and the work of the National Association," Rich declared. "We will redouble our efforts in this next decade to strengthen the industry and provide America with quality food and fiber," he concluded.

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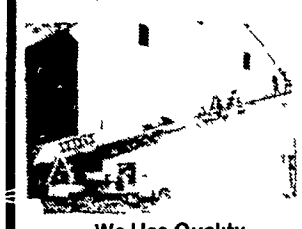

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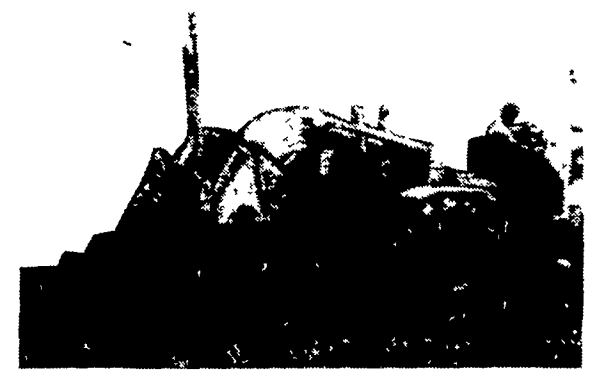

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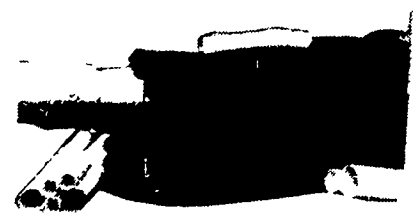

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Commercial Corner

BY DON WERTMAN,
PRESIDENT
Pennsylvania Seedsmen
Association

Editors note: In a series of articles, the President of Pennsylvania Seedsmen Association discusses the development and need for the seed industry in Pennsylvania the nation and the world. Wertman has been a part of the industry for the past fifteen years, holding various offices in the association as well as in other seed related organizations. He is General Manager of Seedway Inc. Emmaus, Penna. These articles are written exclusively for Lancaster Farming.

The story of seed is as old as that of man himself. The author of Genesis writes: "Let the earth put forth vegetation, plants yielding seed, and fruit trees bearing fruit in which is their seed according to its kind upon the earth," and it was so.

Jesus used the story of seed on the basis for many of his parables. So it is that seed has been of tremendous import to mankind from time immemorial.

The seed industry did not develop overnight. It is the culmination of man's instinct and initiative over the centuries to provide himself and his family a more secure and abundant life.

The fable of Jack and the Beanstalk illustrates the desire to find a magic seed that will change our want into plenty. The search for more productive seed is an ongoing process

Although much has been accomplished, scientists are still searching for more productive seed. Seed which can be utilized in producing food and fibre which will go a long way toward alleviating some of man's most critical problems.

Is Seed that important? Yes!

Nine tenths of the food consumed in the world eminates from the planting of seed. Without cultivated crops which are utilized for human and animal consumption, the earth could only provide for thirty million rather than its current four plus billion inhabitants. Cultivated plants also produce many other organic substances which are utilized in our modern society.

During the centuries that we have cultivated plants, many substitute or alternate resources have been utilized in production such as;

Chemical fertilizers, artificial light, irrigation, contrived growing media, but we have never found a substitute for seed.

The first person to save a grain of seed which he hoped would grow another plant, was the first seedsman.

The practice of saving seed is ancient by any standards. In some species we still collect and save seed without much extra manipulation.

Many can remember Grandfather selecting the finest ears of corn whose grain he would use for planting. Grandma saved melon and cucumber seed for her garden.

Meanwhile plant scientists were uncovering the secrets of heredity and plant genetics. Ways were found to increase a plants productivity by regulating reproduction. Inbreeding, crossing, isolating, were new methods used to improve existing species or create new varieties.

As practical applications were discovered for these new methods specialists were needed to implement them. These specialists have become known as seedsmen.

Specialized farming operations developed for the sole purpose of providing superior planting stock for the general agriculture.

Today there are thousands of seed farms across the country, producing not only enough seed for American farmers but for producers throughout the world.

Is the Industry needed today? More so than ever.

Scientific advances have touched most every species of plant from corn to cucumbers, cabbage to wheat, sunflower to marigolds.

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Seedsman face the same challenges of weather and climate as do the general farmer but with the added responsibility of sustaining the production as a living or viable product which will be used later in commercial production.

Seedsmen have invested billions in conditioning plants, laboratories, and storages so that the farmer can be assured of a depe - dable supply of seed.

In future articles we will discuss particular facets of the industry, including production problems of alfalfa seed, labeling requirements, government involvement, seed storage and use by the farmer.

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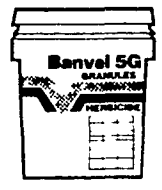

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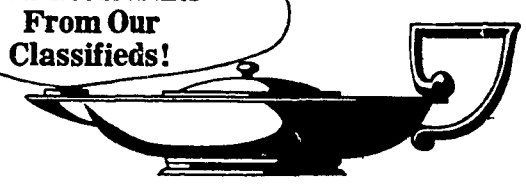

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Kris Shutt crowned 1980 Pa. Apple Queen

BY SHEILA MILLER

HERSHEY — Kristel Shutt, a bubbly seventeen year old from Adams County, was selected to represent Pennsylvania's apple industry for 1980.

Kris is the daughter of Earl and Joyce Shutt, Ortanna. She is a senior at Gettysburg High School where she is quite an active student.

While maintaining a 4.0 average, the new Pa. Apple Queen is also editor and chief of her school newpaper. She also serves as chairman of the yearbook committee and is a member of the art club, pep club and the Fellowship of Christian Athletes.

In her spare time, Kris helps her parents on their farm, where they raise apples and cherries. She says she helps to prune and pick the fruit, especially the "drops", under her father's watchful eye.

Kris will be representing Pennsylvania's apple industry as she completes her final year in high school and while she begins her college education. She hopes to become involved in social work.

Kris is one of seven contestants who anxiously awaited the judges' decisions during the Tuesday evening ceremonies at the 121st State Horticultural Association meeting.

Representing their respective counties were: Nancy Kupetz, Chester-Delaware; Sherry Winters, Franklin; Karen Markey, York; Kelly Ann Daughtry, Berks; Sandra Gooding, Lancaster; and Joyce Long, Erie.

The Maryland Apple Queen for 1980 was introduced during the evening's festivities. Cynthia Caughill, of Joppa, Maryland, was crowned by last year's queen, Carol Butler.

Cindy is the daughter of Mr. and Mrs. Norman Caughill, and a senior at John Carroll High School.

The new Maryland Apple Queen has worked in an orchard for two years. Some of her duties included selling and grading fruit, thinning peaches, and directing customers in the pick-your-own program.

Cindy's school days are filled with participating in school plays, serving as secretary-treasurer of the drama club, and playing the flute in the high school band.

One of her main interests

(Turn to Page C31)

Kris Shutt, from Ortanna, Adams County, became 1980 Pennsylvania Apple Queen at coronation ceremonies held on Tuesday evening.

The 1980 Pennsylvania Queen, Kris Shutt, was selected to represent the apple industry throughout the coming year. Pictured with the other contestants, from left: Nancy Kupetz, Chester-Delaware; Karen Markey, York; Joyce Long, runner-up, Erie; Kris Shutt, 1980 Pa. Apple Queen, Adams; Kathy Boyd, 1979 Pa. Apple Queen, York; Kelly Ann Daughtry, Berks; Sandra Gooding, Lancaster; and Sherry Winters, Franklin.

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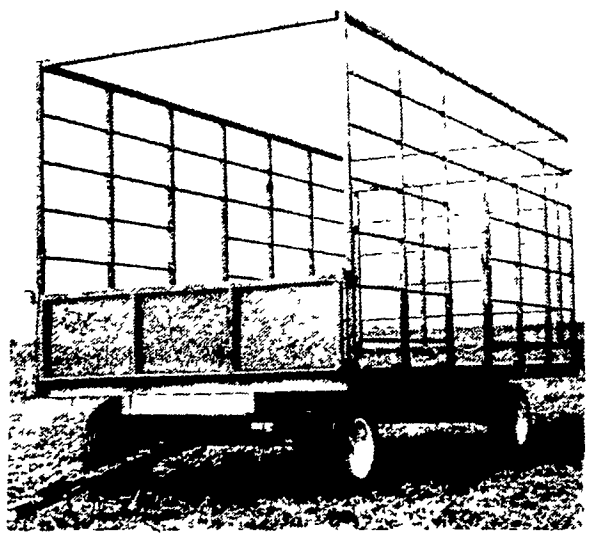

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Pennsylvanians honored by Md. Apple Comm.

ANNAPOLIS, Md. — Two Pennsylvania store managers were recently recognized by the Maryland State Apple Commission for having done an outstanding job of promotion during "National Apple Month", October, 1979.

Rick Heininger, R5 Gettysburg, was a second place winner in the Co-op and Affiliated Independents division of the contest conducted by the Maryland Food Dealers Association and the state department of agriculture. Heininger is the produce manager of Jay's Number 4 Shopper's World in Frederick.

Another second place award went to Paul Spangler of Newbury. Spangler manages the produce department of the A & P Store 992 in Chambersburg.

Cash awards were made to the winning stores and produce manager responsible for the successful apple promotions.

The 1979 contest marks the 2nd year for the competition which is designed to focus consumer attention on fresh Eastern Apples at the height of the harvest season.

According to Anthony J. Rubino, Chairman of the Maryland State Apple Commission, "the contest is a wonderful way of uniting the pride of the apple grower in his product with the skill of the store and its produce manager when it comes to selling that apple."

"It's a good two way learning street," adds Rubino, "in that it gives a chance for apple growers to see at first hand the marketing skills needed at the retail end of the business of serving up fresh fruit to the consumer."

Winners in the contest represent a range of food stores throughout the state independents to the large chain supermarkets.

Davidsburg 4-H

DAVIDSBURG — A slide show on 4-H was featured at the January meeting of the Davidsburg 4-H Club, held on the 18th. The King and Queen, Brian Palmer and Linda Brown, gave the presentation. Volleyball followed the meeting.

Upcoming dates announced included: County Council meeting, February 6 at the 4-H Center; 4-H Expo, February 8-9, at the York Mall; Fling into the 80's, February 22-23 at the 4-H Center; Roller skating, February 25 at the Delco Plaza; and 4-H Auction, March 28 at the Center.

The next meeting will be held at the 4-H Center on February 21 at 7:30 p.m., and members will sign up for projects at that time.

Kris Shutt

(Continued from Page C30)

is the Russian language. She is a member of the Russian honor society, and last November, Cindy travelled to the U.S.S.R. for a ten-day study tour.

Cindy will have an active year ahead of her as she represents the Maryland apple growers and her favorite fruit, the apple.

Cindy Caughill, the 1980 Maryland Apple Queen, was crowed by last year's queen, Carol Butler, from Germantown, Maryland.

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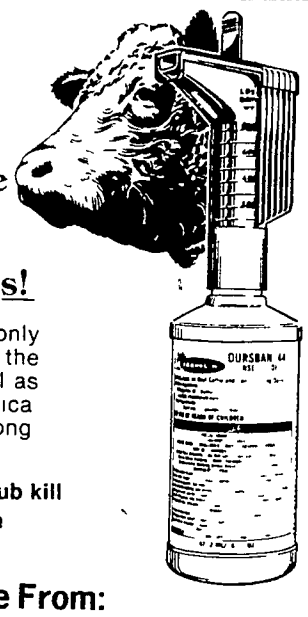

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Hog manure - energy, no longer a dark subject

COLUMBIA, Mo. — Energy — natural gas and electricity — from hog manure!

It's an idea that has taken a lot of kidding.

Today, it's on the brink of being economically feasible for supplying 80 to 90 percent of a hog farm's thermal and electrical energy needs.

Scientists at the University of Missouri-Columbia built the first successful, completely automated manure digester incorporated into a hog farm in the fall of 1976.

That digester converts manure into methane or natural gas and subsequent electricity. It was designed to test the practicality of such digesters on American farms.

"It works — no question about that!" exclaimed James Fischer, UMC agricultural engineer. "It could produce 6000 cubic feet of methane a day, enough to provide 100 percent of the electricty and 90 percent of the thermal energy for the UMC swine farm operation.

"And with the cost of electricity and propane going up, the economics of these digesters is looking better every minute."

Donald Osburn, UMC agricultural economist, figured that a farmer with a facility that markets 3200 hogs per year (a 250-sow herd) could afford to spend $62,375 for a digester and an engine-generator and still break even — if electricity from outside sources was going at 8 cents per kilowatt hour and propane at $1.10 a gallon.

It cost $29,000 to build the Missouri digester, which is large enough to process 9,000 cubic feet per day — the manure from a 225-sow herd (2800 hogs marketed per year).

But that digester was largely an experimental model. A farmer could probably build one for less.

Fischer and Osburn say that a methane digester system, in order to be profitable, must serve as a water heater and an electric generator. This is called "co-generation" — using the heat from the same machine that produces electricity.

Also, in order for a system like this to be effective, a farmer must have an energy efficient operation; well-insulated, environmentally controlled farrowing unit and nursery, plus open front finishing and gestation.

"If I were going to build a new hog confinement system today, I'd design it with a manure digester in mind," says Fischer.

"I might not put in the digester today, but I'd have room for it if costs of electricty and propane continue to rise."

Manure digestion, explained simply, is a matter of methane bacteria converting manure into natural gas.

Basically, one group of bacteria converts the manure into volatile acids; another group breaks them into carbon dioxide and hydrogen; and a third group converts the carbon dioxide and hydrogen into methane.

"As I see the methane digester of the future," he said, "I expect it will be converting a lot of biomass besides manure into energy."

Experts expect such biomass digesters to account for only 3 to 5 percent of our energy needs for the future. But in certain places, like farms where the stuff is available, that figure could well be over 90 percent.

Love honored for teacher education

STATE COLLEGE — Gene M. Love, head of the Department of Agricultural Education at the Penn State, has received the Distinguished Service Award of the American Association of Teacher Educators in Agriculture.

The award is the highest recognition given in the U.S. for leadership in teacher education in agriculture. Love received $500 and a certificate. The occasion was the annual meeting of the association in Anaheim, Calif.

Love has been head of the Department of Agricultural Education at Penn State since 1975. In this capacity he is also Director of Vocational Teacher Education at Penn State. He has been instrumental in organizing a comprehensive personnel development center for vocational teacher education.

Before coming to Penn State in 1975, Love was coordinator of agricultural education at the University of Missouri for nine years. Prior to this he was a member of the agricultural education faculty at Penn State. He served on the faculty of Stanford University while on assignment in the Philippines.

Following his graduation from Penn State in 1949, he taught agriculture at East Donegal High School, Maytown, until 1951. From 1951 until 1954, he was a graduate fellow in agricultural education at Penn State. He taught briefly at West Chester High School before entering the Air Force in 1954. He received his master of science degree in 1953 and the doctor of philosophy degree in 1954, both from Penn State.

In 1971, he received the Education Research Award of the American Institute of Cooperation. He has written numerous articles and papers and has developed many teaching manuals. He is past president of the American Association of Teacher Educators in Agriculture and current president of Phi Delta Kappa at Penn State.

Other professional membership include: Alpha Tau Alpha, Gamma Sigma Delta, American Vocational Association, and the National Vocational Agriculture Teachers' Association.

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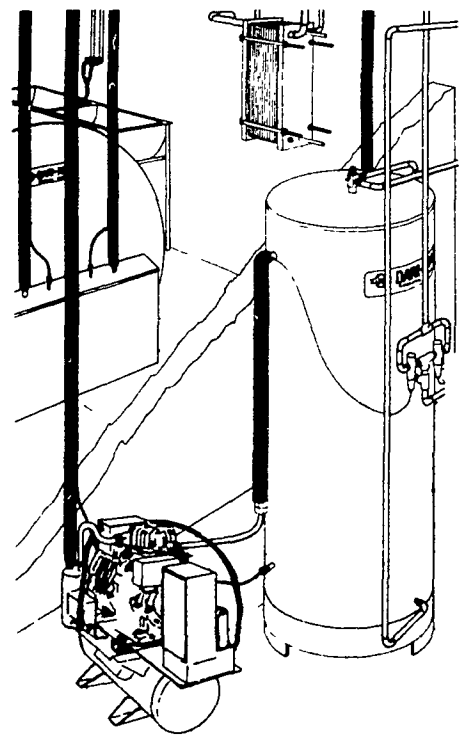
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Carson gives up-date on labor regs

BY SHEILA MILLER

HERSHEY — Pennsylvania apple, vegetable, and wine grape growers met in Hershey from Tuesday until Thursday of this past week to catch up on methods of farming, marketing, and legislation.

These farmers met, in conjunction with their counterparts from New Jersey and Maryland, to hold the 121st State Horticultural Association meeting, 1980 Vegetable Conference, and 12th Pa Wine Conference.

The participants listened in earnest to Jan Carson, from the Pennsylvania Farmers' Association. Her topic, current labor regulations, was a subject near and dear to most of the growers.

Carson stressed that the growers become familiar with the proposed regulations printed in the January 11 issue of the Federal Register.

Under the wing of the U.S. Department of Labor, these proposed regs would mandate who and how many people the states' employment services could hire to administer their programs.

The PFA spokesperson stressed these proposals will create problems in the civil service standards currently used in Pennsylvania to fill employment positions

She also pointed out that the persons hired under these new regs would have to conform to the number of minorities served by the agency For instance, if the state employment agency serves an 80 per cent Spanish-speaking clientele in Adams County, then 80 per cent of those hired to administer the program must be Spanish-speaking

Originally, Carson stated, the Richie order of the mid-1970's provided for an outreach to migrant labor. She explained that if a farm worker walked into an employment agency, this order provided insurance that the person would not automatically be channelled back into a "degrading" farm job.

Judge Richie's ruling created the environment for fair treatment within the state employment service for migrant workers, and provided the dollars to train these people for other jobs.

But, here in Pennsylvania, Carson explained, the Outreach program has been run in consultation with the CETA 303 program.

"Unfortunately, there have been three different CETA 303 programs in the last three years," Carson said.

"The programs were incompetent and were not properly managed, and there may even be a question of fraud and abuse of funds," she said.

She added that the new proposed federal regulations set up the CETA agency, under the Pa. Department of Labor, as an advocate of labor.

Rather, she said, the CETA department and the State departments should be there only to complement the relationship between the farmers and the laborers in emergency situations, and areas involving social welfare and health.

She related a case where the CETA 303 people recruited 24 farm workers out of the field in a two week period, and the farmer's tomato crop spoiled.

Other areas of legislation touched on by Carson included Act 93, the Seasonal Farm Labor Act, which PFA will move to amend.

She also brought the growers up-to-date concerning the 12 to 14 cases pending between the U.S. Department of Labor and farmers for FLCRA violations. She reminded them of the recent ruling made by Judge R. Dixon Herman where the Department of Labor's ruling was not upheld and was reversed in favor of the farmer.

"The Department of Labor is playing a harassment game," she said, "in hopes that the farmers will back down and accept their fines. But, DOL knows that if the farmers appeal the ruling, a similar case has already been ruled on by the same judge that will hear their cases — and the judge ruled against DOL."

Carson also mentioned the H-2 program which she said will give total farm labor control to the U.S. Department of Labor.

This program, she said, is for the employment of temporary workers, called documented or legal aliens, and has strict guidelines for the farmers to follow regarding the employees' housing, transportation, and food.

Carson said she was skeptical of the H-2 program and the "benefits" it would provide to farmers, citing instances in other states where it actually cost the farmers thousands of dollars.

"The Department of Labor is the greatest enemy of the farmer today," she concluded.

Over 400 people attended the vegetable, apple, and wine meetings held at the Hershey Convention Center last week. Commercial exhibitors displayed the latest in seed stock varieties and equipment.

Honey production up 25%

HARRISBURG — Pennsylvania honey production during 1979 totaled 3,034,000 pounds, up 25 percent from 1978 according to the Crop Reporting Service.

The yield per colony averaged 41 pounds, up ten pounds from the previous year. The number of colonies however, dropped five percent to 74,000.

Beeswax production for 1979 was 58,000 pounds, up 23 percent from 1978.

The average price received all honey in Pennsylvania in 1979 was 64.3 cents per pound, one cent below the 1978 price of 65.3 cents per pound. The price of all extracted honey sold wholesale in 1979 averaged 56 cents per pound, up two cents from the previous year.

The price of extracted, processed and packaged honey sold retail averaging 91 cents per pound in 1979, up three cents from 1978.

The average retail price per pound for all chunk and comb honey was 95 cents and $1.15 respectively.

The price of beeswax in Pennsylvania averaged $1.91 per pound, an increase of 19 cents over 1978.

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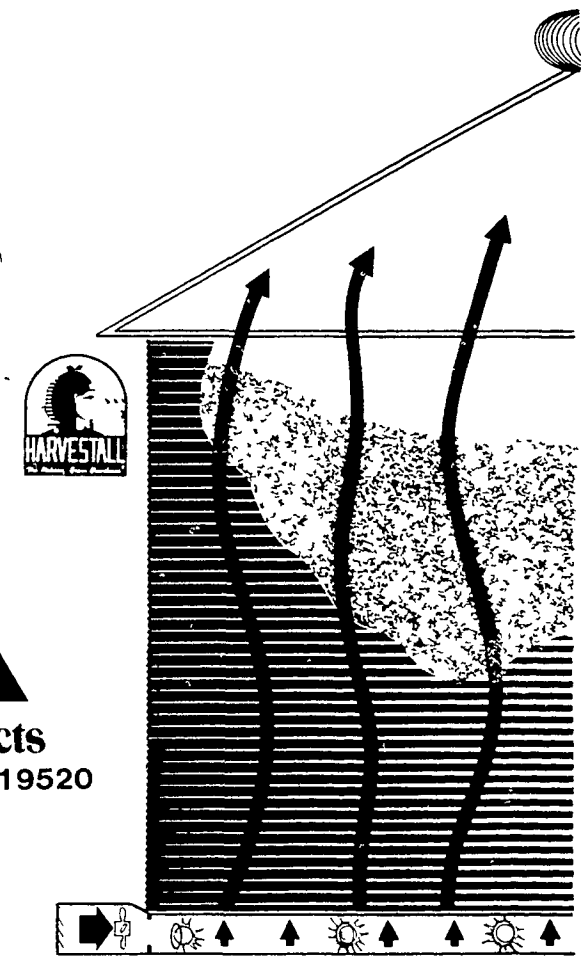

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What's happening to Rural Clean Water?

BY SHEILA MILLER

HARRISBURG — Farmers living in the Conestoga Creek watershed in Lancaster County, along with their neighboring farmers in the Tulpehocken Creek watershed in Berks County, may be in for some additional funds from the U.S. government.

As a result of applications submitted by the Soil and Water Conservation Districts in each county, these two watersheds are in the running for a slice of $50 million appropriated by Congress for conservation work to improve water quality.

According to Walter Peechatca, director of the State Conservation Commission, the $50 million has been set up as a nationwide sum and will have to be split up among 50 states. He added that all administrative costs for the Rural Clean Water Program, also referred to as the 208 program, will come off the top, with about $40 million being left for actual conservation measures.

The 208 program has not emerged without controversy, which has caused a delay, not only in its getting off the ground, but also in budgeting funds for the U.S. Department of Agriculture agencies.

Originally, the bill that set up the program called for 208 to be administered through the Soil Conservation Service. SCS was to provide the technical and financial roles in assisting farmers to improve their water quality.

Last Fall, a turn-about occurred which gave the financial responsibility to SCS's sister agency, the Agricultural Stabilization and Conservation Service. ASCS currently handles the financial end of the Agricultural Conservation Program.

In the interim between these changes, SCS had accepted a number of county applications. These were sent down the road to Washington, D.C. for consideration and approval. Even though the agency running the funds has changed, those original applications are still valid.

Dick Penet, the state director for ASCS, told **Lancaster Farming**, the price tag on the Conestoga Creek watershed amounted to $16 million. Considering that this application was one of sixty-four in the nation, and represents a quarter of the total funds, Penet said he felt its chances of being funded in full were small.

He mentioned a sub-basin of the Conestoga might stand a better chance for funding this year. This sub-basin, Indian Run, was submitted with a dollar figure of $1.9 million.

The Berks County application also has a high cost estimate, equalling $14 million total, with an ASCS cost of $9 million.

Penet explained ASCS funds approximately 65 per cent of the cost of conservation practices on the average. He pointed out that in order to get over 50 per cent cost-share funding, it will require ASC national approval.

Where did the project price tags come from? Penet pointed out a local committee surveyed the conservation needs of the watersheds and projected the costs. The committee called on the export advice of private industry, other agencies, planning commissions, township supervisors, and farm organizations.

Penet remarked if one of the project applications in Pennsylvania is funded, he considers it fortunate. He noted that his agency will concentrate on the project area, and if needed, a shift in personnel would be carried out to get the project completed. Penet also called for a total commitment by all agencies cooperating in the 208 program.

The national coordinating committee is scheduled to meet this month to review and approve this year's projects. The final regulation for the program will only come out on January 24. Penet said the proposed regulations were printed in the Federal Register on December 21 of last year, but a 30 day public review is required before they can be final.

The 208 program appears to be making some head way, but it still is a long way from being organized and ready to go for farmers in southeastern Pa.

Two conservationists join Dauphin Co. SCS

HARRISBURG — The Harrisburg Field Office of the Soil Conservation Service has recently welcomed additional personnel to serve the conservation needs of Dauphin County. Sand Swank, an SCS Conservation Technician and Laurie Williams, a Soil Conservationist under the Dauphin County CETA Program, will be assisting Joel Myers, District Conservationist..

Sand Swank, left, and Laurie Williams, center, have recently joined the SCS staff in Dauphin Co. They will be working under the direction of Joel Myers, right.

Sand Swank, a native of Danville, served as a student trainee in Mercer County and as a conservation aid in York County.

A graduate of Danville High School in 1973, he attended Penn State at University Park for 1½ years. He is now attending a PSU branch campus part time in order to obtain a degree in General Agriculture.

Sande and his wife Marilyn will be locating in the Colonial Park area in the near future.

Laurie Williams of Piketown, recently joined the SCS staff as a Soil Conservationist with the C.E.T.A. program. She will be assisting in Dauphin County while receiving training in the field of conservation.

Laurie graduated from Wilson College in 1975 with majors in biology and psychology. For two years she was a professional Girl Scout serving the Colonial Park area as well as Perry County and the northern reaches of Dauphin County. She has also worked as a counsellor for juvenile delinquents.

Laurie is looking forward to a future in the field of conservation.

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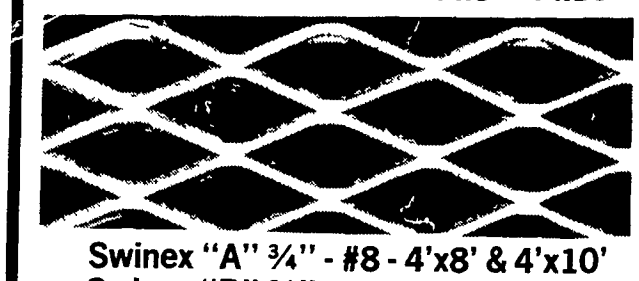

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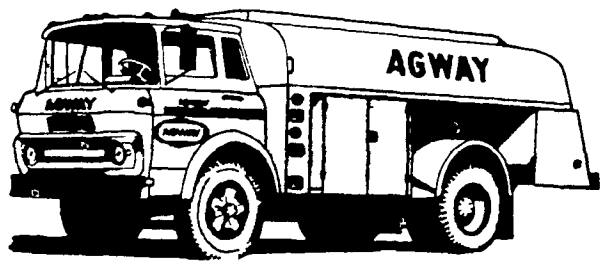

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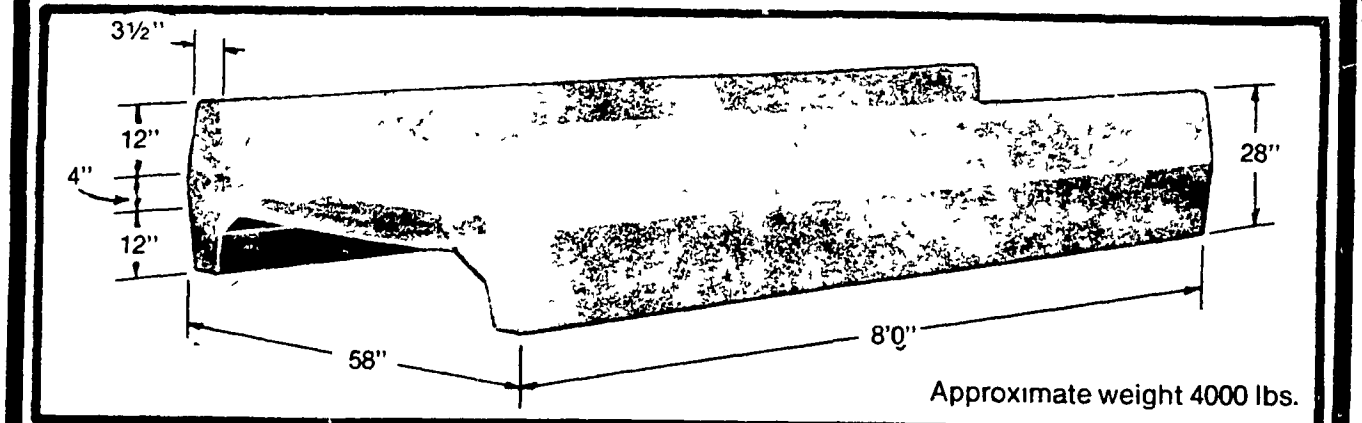

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Del. extension service cites outstanding employees

NEWARK, Del. — Delaware Extension Service professionals took time out to recognize some of their colleagues during an awards ceremony at their recent annual conference in Newark.

The awards were presented by the Delaware chapter of Epsilon Sigma Phi, the national honorary extension fraternity.

Outstanding Program Accomplishment awards went to Carl German, extension crops marketing specialist, and Ron Jester, extension farm safety specialist. Both recipients joined the extension service in 1975.

Since that time, German has focused his efforts on two major program areas—direct marketing, and hedging for grain producers. His proposal for a competitive direct marketing grant from the U.S. Department of Agriculture obtained $43,500 for a successful cooperative project with the Delaware State Department of Agriculture.

This has increased the opportunities for small farmers and part-time farmers to improve their incomes through direct local marketing of their products.

The economist has also conducted an ongoing educational program to help Delaware farmers understand and use the futures market and forward pricing of their crops. This is a marketing technique that few Delaware growers have understood well enough to employ to good advantage.

Since November, 1978 when Jester launched his campaign to inform state residents of the hazards involved in the use of wood stoves, well over 5000 people have attended his safety seminars and the number continues to rise. His program has the full support of Delaware fire officials and many of the meetings have been held in local fire halls at their request.

Jester also devotes much of his time to helping Delaware farmers prevent costly on-farm accidents. He is co-founder of the Delmarva Safety Association.

An award also went to Kent county agricultural agent Ed Kee for his work as an Outstanding New Agent. Kee, who joined the county staff in 1978, was active in helping farmers form the Delaware Vegetable Growers Association.

He has also helped conduct on-farm demonstrations on drip irrigation and potato production. Last summer the agent organized a corn and swine tour to Nebraska for Delaware farmers, and a vegetable tour to New Jersey.

Two Outstanding Staff awards were also given. Graphic designer Monroe Givens was recognized for his contributions in the production of extension educational materials, inclucing publications, exhibits, posters and slides. Givens has received several awards from his professional association and the printing industry for his publication designs.

The other staff award went to Doris Clendaniel Rogers, senior secretary in the Sussex county extension office at Georgetown. She retired after 20 years of service, on the same day the award was announced.

During the business meeting which followed the above presentations, Epsilon Sigma Phi officers for the coming year were introduced. These include: (president) Jerry Webb, extension agricultural editor; (vice president) John McDaniel, extension specialist in agricultural chemicals; (secretary) Jean Cranston, Kent county home economist; and (treasurer) Richard Fowler, extension livestock specialist.

Epsilon Sigma Phi was founded in 1927 as the national honorary extension fraternity. The Delaware chapter was chartered in 1937. One of the fraternity's main goals is to promote professionalism among extension service workers.

Researchers to model broiler ammonia cycle

GEORGETOWN, Del. — Norman E. Collins and Ernest W. Walpole of the University of Delaware department of agricultural engineering have received a grant from the Delaware State Energy Office to model the ammonia cycle in broiler houses.

Ammonia is a recurring problem for the Delmarva broiler grower. Growers can smell ammonia in the broiler house when the concentration reaches 20 parts per million, and their eyes and nasal passages may become irritated at concentrations above 40 parts per million.

Broiler weight is affected when ammonia concentrations reach 50 parts per million. Recent research demonstrates that by 49 days of age, broilers exposed to this level of ammonia will average almost .4 pounds lighter than those grown in an ammonia free environment.

Temperature is a critical factor in the release of ammonia from poultry litter. Sudden increases in broiler house temperature allow a release of gaseous ammonia from the litter water. Heat also increases bacterial activity that breaks down the nitrogen in the fecal material into ammonia.

Excessive moisture content in the litter also improves conditions for these bacteria to create ammonia.

At present, the only practical recourse for a grower with a broiler house ammonia problem is to increase ventilation. This takes energy.

On a winter flock, the additional ventilation would require 12 to 16 more gallons of LP gas per thousand birds than the amount normally required for moisture control. Chemical controls now on the market cost even more to use than the cost of the additional fuel.

The ammonia model should provide insights into the critical temperatures and moisture levels that trigger ammonia releases. This information should ultimately result in better management techniques for handling the problem.

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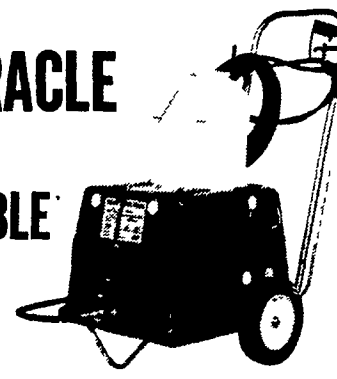

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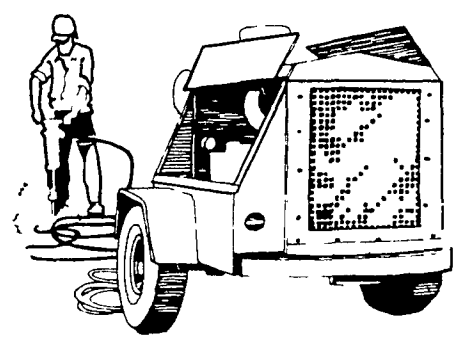

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Ag official predicts further environmental progress

WASHINGTON, D.C. — The environmental momentum of the past decade will provide the impetus needed to meet the new environmental problems of the 1980s, Assistant Secretary of Agriculture M. Rupert Cutler said last Thursday during ceremonies marking the 10th anniversary of the signing of the National Environmental Policy Act.

"We are not here to mourn the passing of the 'Environmental Seventies' that began with NEPA but rather to celebrate the beginning of the 'Action Eighties,'" Cutler said "The decade just ended left us with a legacy for action."

NEPA, Cutler said, is generally regarded as the single most important piece of environmental legislation ever enacted and forms the "cutting edge" of the citizen-sponsored environmental reform movement.

"Although NEPA is now ten years old," Cutler said, "we have only begun to address it fully and build upon its foundation. It is a law which declared sweeping environmental policy where no such law existed before.

"It requires that the federal government predict and consider the environmental consequences of its actions. And it established an environmental policy coordinating body in the Executive Office of the President – the Council on Environmental Quality."

Cutler said what is particularly notable about NEPA is that "after 10 years of implementation, the creative innovative intentions of policymakers have not been diluted or deferred in the transition from policy to practice. The new environmental consciousness which NEPA established has reached the most remote recesses of federal agencies and now influences many of the decisions we make."

Cutler said NEPA's major impact on federal policymaking is that "we are making better decisions because of this law, decisions which weigh a broader range of options - which consider the environmental consequences as well as other implications – and which are more acceptable to the American public."

Cutler said the nation continues to face many environmental problems and that future environmental planning must be imaginative and flexible enough to meet the unexpected.

"At the dawning of the 'Action Eighties,'" Cutler said, "we are ready for a new era of environmental protection – an era which reflects maturity of commitment, an era which integrates knowledge with that commitment and gives the environmental protection effort the sophistication, lasting relevance and creative energies needed for the years ahead."

Silver Pails 4-H elects officers

Newly elected officers of the Silver Pails 4-H Dairy Goat Club were recently installed during a candlelight ceremony at the 4-H Center. From left to right (front row) - Bill Henry, Norristown, who conducted the ceremony; Jennifer Bradshaw, North Wales and Jennifer Harris, Harleysville, both Junior Recreation Leaders. Second row are Karen Bradshaw, North Wales and Diane Blum, Harleysville, who are serving as senior recreation leaders; Lisa Ciasullo, Oreland, news reporter. Back row: Dana Trumbauer, Hatboro, president; Kim Bradshaw, North Wales, vice president; Susan Henry, Norristown Secretary; and Kim Blum, Harleysville, Treasurer. The club is open to all boys & girls 8-19 with an interest in goats.

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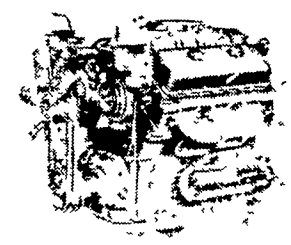

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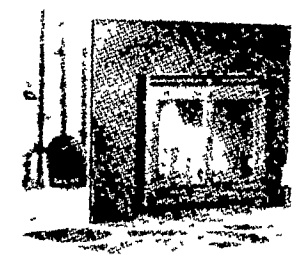

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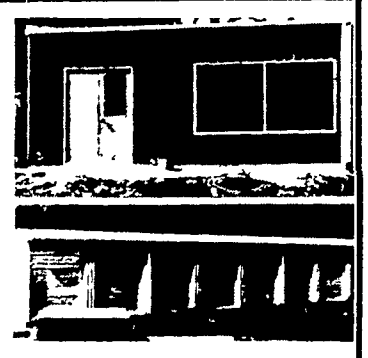

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Can the world pay for food production?

Letters To The Editor

I read with interest your editorial endorsing the proposal that the State mandate payment of producers every ten days.

Unfortunately, while the idea seems a simple solution to a complex problem, the facts...as is usually the case...do not weigh in favor of the ten-day payment concept.

For instance, your rather innocent statement that any handler in a sound financial position should have no problem borrowing money to pay for milk sidesteps the real problem: if you mandate payment to producers by co-ops and handlers every ten days, then it is only fair that you mandate payment by the customers of co-ops and handlers every ten days. Why should a milk distributor have to pay for milk with borrowed money, pay the interest on that money, and, if he can, pass the additional cost on to consumers?

If you are going to involve government in the dubious business of guaranteeing payment of bills and specifying the time in which they must be paid, then you must carry your scholastic program all the way down the line so that EVERYONE who sells anything is paid within ten days. Oh happy day! Right now we are all delighted if we can get our receivables down to an average of 30 days. As the pressure of inflation gets worse, the length of receivables gets longer.

It will indeed be a joyous thing when the all-powerful, all-knowing government .. which often does not pay its bills short of several months to half a year...decrees ten-day payment for all.

I don't want to be too light-hearted about the proposal, but it simply won't work. Furthermore, what will happen in federal order markets which now specify once, sometimes twice-monthly payment of producers? The conflict between the State's ten-day regulation and the federal orders would mean that handlers whose bulk tank units (routes) cross state lines would have to eliminate the Pennsylvania farmers or else go to the extraordinary expense and complication of setting up two bookkeeping-payment systems for each inter-state route. The whole phantasmagoria of borrowing, paying interest, setting up a separate payment system, accounting for milk on a ten-day basis by estimated blend prices, etc. would inevitably mean that, given a choice, handlers will buy their milk anywhere but Pennsylvania.

And what about the farmers themselves? Presently, many hundreds of dairymen have arrangements with co-ops and handlers to pay some of their larger bills (mortgages, machinery purchases, feed, etc.) on a monthly milk check deduction basis. These bills are paid at the end of the present milk check pay period (around the 25th of each month). With a ten-day payment, based on estimated prices (the actual blend prices don't come out until the middle of the month following the month milk was shipped), there would be inadequate money in the final (third) check to pay the bills. You could hardly expect either the co-op or the handler making such payments for farmers to hire extra bookkeepers to estimate production, butterfat test, and prices and balance these in ten-day increments against the bill payment money required by producers at the end of the month. The end result, would be that the whole convenient structure of such automatic bill payments would be lost to dairymen. It would be impractical if not impossible to carry it out.

All of the major dairy co-ops and general farm organizations in Pennsylvania have agreed on a proposal for a Producers Security Fund. It is probably the greatest show of unity among the farm groups in 50 years. That being the case, it would seem relatively uncomplicated to move forward in the Legislature with that proposal. Admittedly, the milk dealers do not want to contribute to a producer security fund. I can understand that, but the fact remains that the purpose of the fund is to assure that the money dealers owe farmers will be paid. It is the dealer taking out insurance that his debt to farmers will be paid, NOT the farmer paying an insurance premium to be sure that the dealer will have money to pay his bill. When I take a loan out at the bank, they expect me to pay for insurance to guarantee that the bank will get its money. I have never heard of a bank paying the premiums for a homeowners mortgage insurance, have you?

In the end, the real issue is whether you and the other citizens of Pennsylvania really endorse the idea that government has the obligation to pass laws protecting people against the consequences of their own business judgment. Once you start, where do you stop? Is the milk industry that much more valuable economically than the steel industry to Pennsylvania? Why not a security fund for the steel mill operators and the sheet metal plants and the truckers of steel, etc?

Yours for less government in business... and for more practical, non-governmental solutions to business problems.

Bruce V. Snow, Director
Public Affairs
Dairylee Co-operative

Md. tobacco auction to open April 9

UPPER MARLBORO, Md. — Maryland's 1980 tobacco auction season will open April 9th and run for a 27-day selling period ending May 22nd according to the State Tobacco Authority.

To be sold is the 1979 crop of world famed "Maryland Type-32" tobacco which is estimated to be some 26.4 million pounds.

It is so-called "short crop" due to last year's heavy rains during the growing season and the appearance of "blue mold," a destructive tobacco disease which hit Maryland growers for the first time.

The tobacoo authority, an arm of the Maryland Department of Agriculture, has set a daily sales quota totaling one million pounds for the eight auction floors which are located at Upper Marlboro in Prince Georges County, Wayson's Corner in Anne Arundel County and Waldorf, Laplata and Hughesville in Charles County.

Opening week will see sales Wednesday through Friday. The following weeks will have sales on a Monday through Thursday basis. Sales are held in the mornings and afternoons rotating between the various sales floors.

Much of the crop (one-third as a rule) will find its way into export as the fine burning Maryland-32 leaf is still favored by many European customers continuing a strong tradition of agricultural exports which is over 300 years old.

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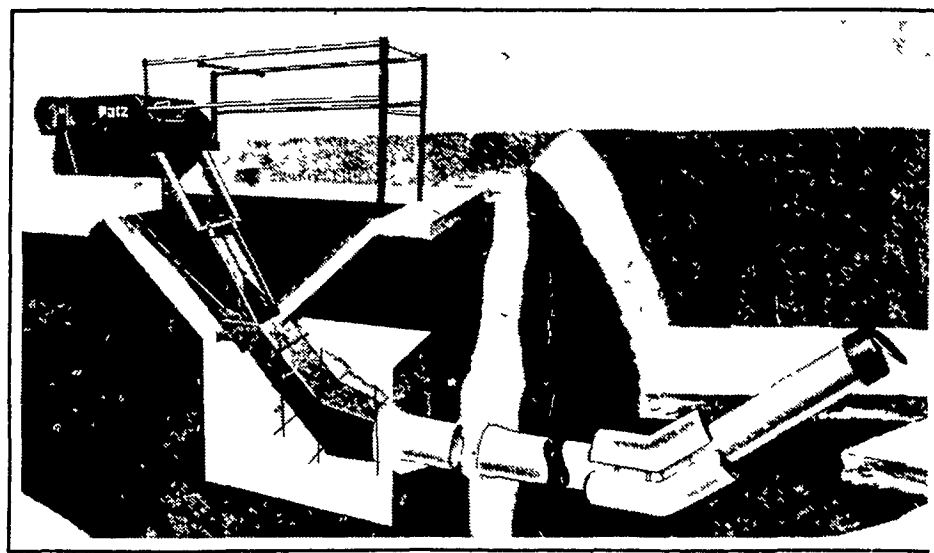

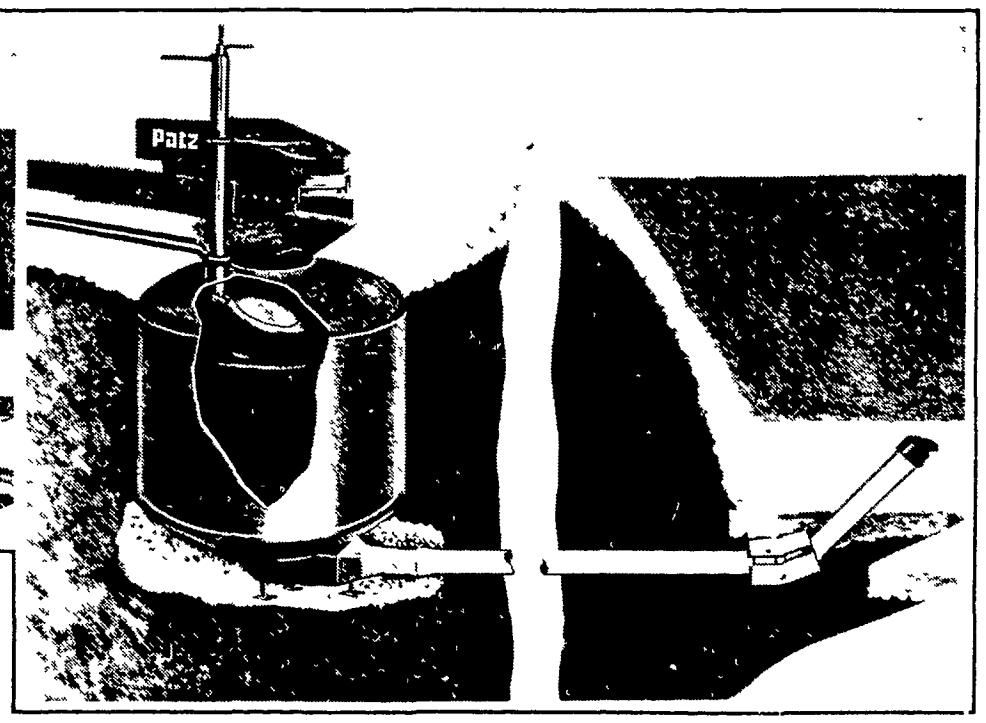

Patz Slurry Manure Pump (left photo) and Compressed Air Manure Mover (above photo)

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Berks Guernsey Breeders celebrate 50 years

BY LAUREL SCHAEFFER
Staff Correspondent

STOUCHSBURG — Guernsey breeders from Berks, Lebanon, Schuylkill, and Dauphin Counties gathered Saturday to celebrate the 50th Anniversary of their organization.

Highlighting the affair which included a luncheon at Risser's Restaurant, here, were presentations by Ginger Sechrist, Pennsylvania Guernsey Breeders Association, and Harvey Dreibelbis, Freehold, N.J.

Sechrist looked to the future, describing what she expects will happen to the Guernsey breeder and his cow in the next 50 years to come, while Dreibelbis looked back over the past fifty years as a founder of the Berks County Guernsey Association.

Dreibelbis described the first field days of the young organization and noted many of the changes he saw on the dairy farm.

Changes ranging from milking by hand by the light of a lantern to today's stanchions and freestall housing. The sanitation practices developed over the years and the changing diets of the cows.

Dreibelbis also noted the development of the 4-H clubs in Berks County and the impact they had on local dairy farms. In many cases, 4-H'ers instigated their parents into registering their cattle and taking more pride in them.

Sechrist spoke of more extended use of the computer and micro films which will store more complicated records as they become more important in farm management. Micro films will also keep pedigrees, DHIA reports and financial status as well, she related.

The speaker urged her audience to start keeping better records now, to keep their health requirements up to date as well as their finances. "Know where you stand now," she said, "keep them current."

Also noted was the changing cow. She will have to be more efficient such as a better roughage convertor. Her foot and leg structure will have to change to withstand confinement better.

Sechrist predicted fewer cows in the future, but higher production from them. She warned of imitation products, especially in cheeses. Labeling has to be changed to more easily identify the imitations, she said.

In other business, two directors were also elected for three year terms. These people were Jacob Smith and Miles Hollenbach.

Officers for the Berks County Guernsey Breeders Association are: Robert Smith, President; Robert Oellig, Vice-President; Carl Hollenbach, Secretary; and Lloyd Dreibelbis, Treasurer.

Marilyn Stoltzfus presented awards to 4-H and FFA youth who had placed first while showing a Guernsey during the 1979 show season. These included: Bill Zollers, Jon Zollers, and Richard Hartz of Berks County, and Susan Hollinger, John Arnold, Wilmer and Barbara Dickinson, Thomas Smith, and Bonnita and Barbara Oley of Lebanon County.

Also present for the luncheon was the Pennsylvania Guernsey Queen, Millie Linde of Lancaster County.

Farm Bureau to sue longshoremens union

HOUSTON, TEXAS — The American Farm Bureau Federation and the Texas and Kansas state Farm Bureaus have filed secondary boycott charges against the International Longshoremen's Association.

The charges were filed in efforts to force the union to load grain shipments bound for the Soviet Union under unfulfilled agreements.

Charges were filed with the Houston office of the National Labor Relations Board. A secondary boycott is an illegal union action against parties not directly involved in a labor dispute.

Earlier in Phoenix, Arizona, AFBF voting delegates had backed President Carter's embargo of 17 million metric tons of grain to the USSR. The grain the longshoremen are refusing to load now is not part of the embargoed 17 million tons, but part of an eight million ton commitment made in a 1975 agreement between the United States and the Soviet Union.

Approximately 2.8 million tons of the 8 million ton commitment remain to be shipped.

Robert B. Delano, newly elected AFBF president, said the 17 million embargoed tons are over and above the eight million tons under contract.

"We want the people of the world to understand that we keep our commitments," Delano said. "We had a legal contract to sell to the Soviet Union eight million metric tons of grain, and consequently we think we should fill that contract and ship them the other 2.8 million tons."

Under NLRB procedures, an investigation will be launched. If the general counsel of the NLRB finds "reasonable cause" to believe that the law has been violated, the federal court will be petitioned for an injunction to force the longshoremen to load the grain bound for the Soviet Union.

The charges filed here are similar to those filed by Farm Bureau in 1975. Those charges resulted in a court order restraining the ILA from interfering with grain shipments to the USSR at that time.

Centerport Grangers meet with Virginville

Centerport Grangers provided the program when they visited at Virginville Grange's regular meeting. Songs, quizzes and games were led by the visitors.

Activities of the Virginville youth were announced and include a meeting on February 15 at Bernville at 8:00 p.m. They are sponsoring a bus trip to the ice hockey game, with the bus leaving at 5:45 p.m. on February 23. On March 3 there will be roller skating at Pheasantland. Bowling standings of the youth are 8, 10, 14 and 19.

It was announced that the 60th anniversary committee is making plans for that observance. State Grange Master Charles Wismer will speak on April 2 at 7:30 p.m., which will include an open house.

The women will meet on February 4 to tour the Gilardone Mill in Virginville at 2:00 p.m. Members should meet at 1:45 p.m. At the state level, there is a new contest for macrame. Level A will include macrame belt and jewelry, and Level B will include macrame hangers for wall, planters, and rug braiding no larger than 40 inches and 1 no less than 18 inches.

Feryl Treicher, new chairman for the state dairy committee discussed the committee's latest meeting.

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2,000	64	7	580
4 000	64	7	980
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10,000	120	¼ '	2,390

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Red meat production predicted up 3 to 5%

WASHINGTON, D.C. — otal production of red meat nd poultry during the first lf of 1980, is expected to be three to five percent from e first half of 1979, led by a rge increase in pork oduction.

These large supplies of eat likely will keep first lf 1980 retail pork and oultry prices well below ar-earlier levels but beef prices may be slightly higher than a year ago.

The December 1, 1979 inventory of hogs and pigs on farms was estimated at 67 million head, up 11 percent from a year earlier and the largest December 1 inventory since 1970. The inventory of heavy hogs that will reach market weight during the first quarter of 1980 was up 19 percent and the inventory of hogs that will reach market weight in the second quarter was up seven percent.

Commercial hog slaughter is therefore likely to be near record levels through the first half of 1980.

Hog slaughter during the second half of 1980 will be drawn largely from the December-May pig crop. Producers indicated on December 1, 1979 that farrowings for this period would be unchanged from a year ago.

If these intentions are realized, hog slaughter during the second half of 1980 would be near 1979 levels. But hog producers will be reevaluating their production plans in response to changes in feed costs and hog prices. Developments in the grain market will be a big factor in hog production plans.

Although beef production may be down two to four percent during the first half of 1980, poultry production will likely continue above year-earlier levels. Broiler production may be up two to four percent from the first half of 1979 and large increases in turkey production are expected, perhaps 20 to 25 percent.

The large supplies of pork and other meats will keep downward pressure on hog prices during the first half of the year.

Prices are expected to average in the upper $30's during the first quarter and the mid-$30's during the second quarter.

This would be well below year-earlier prices of $52 and $43 in the first and second quarter of 1979, respectively.

Cattle price gains in the first half will be moderated by large meat supplies. Prices for steers at Omaha may average in the upper $60's or low $70's during the first half.

On January 4, 1980 the United States announced a suspension of grain shipments to Soviet Union in excess of the eight million tons per year that we are committed to sell under the five-year agreement that expires in 1981.

However, actions have been taken to ensure that America's farmers will face essentially the same set of supply-demand conditions for grains as if the sales to the Soviet Union had gone foreward.

Information available at press time did not indicate any basic changes in the supply and price forecasts for meats. Any impact on the livestock and meat industry, resulting from these actions, will be incorporated into future analyses.

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USDA to pick up chickens

NEW YORK, N.Y. — The United States Department of Agriculture is planning to take action to help poultry farmers pull out of a slump in market created by President Carter's January 4 suspension of trade with the Soviet Union.

The USDA's program will provide more chicken to hospitals, nursing homes and other institutions, and will hopefully lower the price-depressing supplies of poultry currently on the market.

The solution to the problem created when export contracts could not be fulfilled will have two parts. First, USDA will invite bids for a supply of whole frozen chicken, at least equivalent to the amount which had been packaged for shipment to the Soviet Union.

This action is being taken under the authority of Section 32 of Public Law 320, which provides that perishable commodities that cannot be sold by producers at reasonable prices may be purchased by the government for use in food assistance programs.

"By making these purchases, we hope to improve the market demand and eliminate excess supplies caused by the trade suspension. President Carter has said that actions will be taken, not to guarantee profits for exporters, but to prevent catastrophic losses by producers. We think that by making additional purchases of poultry above what we normally would have purchased for our programs, we can help maintain reasonable prices for poultry products," said Carol Tucker Foreman, assistant secretary of agriculture for food and consumer services.

Second, the department will increase its regular purchase of poultry, under Section 6 of the National School Lunch Act, to help absorb the extra supply which may have been generated to fill the Soviet contract. Chicken will be purchased in frozen, cut-up or cooked, breaded form for use in the school lunch program.

Foreman said, "chicken has been one of the most popular commodities in our school and other feeding programs. We are confident that the poultry will be well used, and that the poultry industry will be protected from devastating losses."

Poultry Federation sets two meeting dates

LANCASTER — Dates have been set for two important Pennsylvania Poultry Federation meetings.

The State Poultry Federation Fund Raising Banquet will be held at the Host Farm, Lancaster.

Affair will begin at 6 p.m. April 10, 1980. In past years it has been one of the most successful fund raising events in Pennsylvania agriculture.

The Annual Poultry Conference of the State Federation will be held at the Host Corral, Lancaster.

That all-day session will run on June 26.

For further information or tickets to these events contact John D. Hoffman, Executive Director of the Poultry Federation.

Hoffman can be reached at 500 N. Progress Avenue, Harrisburg, PA 17109. Telephone number at the Federation office is 717/652-7530.

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11'	—	9.66	—
12'	15.55	10.54	7.87
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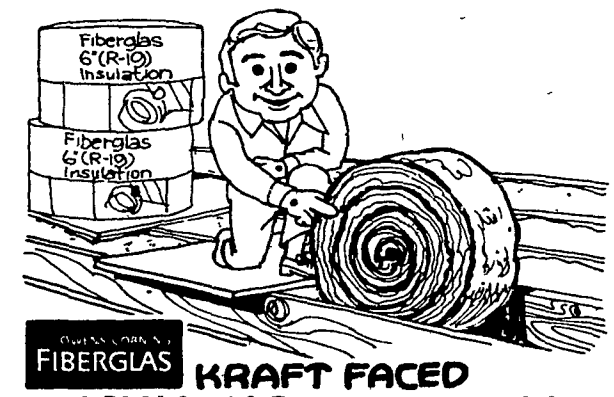

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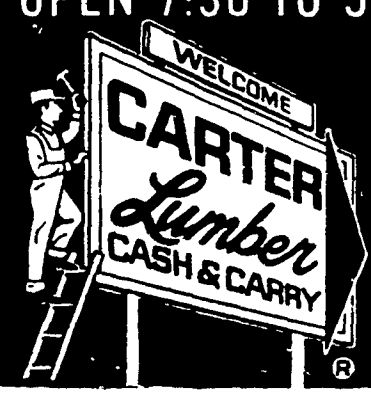

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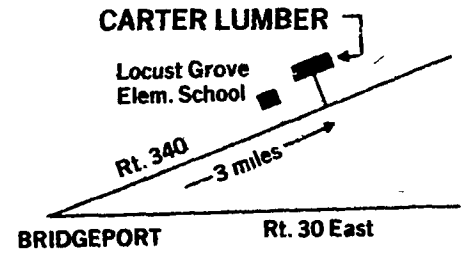

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USDA 1979 SIRE SUMMARY

Every year, the U.S. Department of Agriculture compiles a list of active AI studs for each major dairy breed. The list is mailed late each summer to extension agents, AI organizations, breed associations and dairy records processing centers.

The list is useful in comparing production differences, but no attempt is made in the compilation to list other genetic traits - leg strength, for example - which may be of economic importance to individual herd owners.

The last column in the following tables shows Predicted Difference for dollars. It is based on the 1979 U.S. average milk price of $11.50 for 3.5 test milk with a fat differential of 14.2 cents.

To locate an individual bull, check the first number behind his name. This is the stud code identification number and matches one of the organizations listed in the chart following the sire summaries.

Holstein

NUMBER	NAME OF BULL	RPD %	PD74 MILK	PD74 %	PD74 FAT	PD74 $$
1383247	ECRASO GOLDEN TOPPER	99	+431	-.10	+1	+30
1391688	INGLIS BURKGOV ABE	99	+945	-.17	+9	+74
1393031	KILINSDALE IVANHOE JACK	99	+744	-.21	-4	+43
1427381	PAWNEE FARM ARLINDA CHIEF	99	+1432	+.09	+66	+187
1450228	PACLAMAR BOOTMAKER	99	+1282	-.08	+35	+133
1458744	PACLAMAR ASTRONAUT	99	+698	-.03	+21	+75
1466179	TIDY BURKE TRANSMITTER	99	+761	-.27	-12	+33
1466757	TIHO APOLLO-TWIN	99	+1012	-.05	+29	+107
1477755	ARLINDA CHIEF CURRIER	62	+1564	-.09	+43	+163
1483844	HARBORCREST HAPPY CRUSADER	99	-276	-.01	-11	-34
1484575	STAFFORDSHIRE EAGLE JASPER	69	+321	+.05	+19	+48
1491007	ROUND OAK RAG APPLE ELEVATION	99	+1493	-.03	+49	+167
1492486	ROBTHOM MONARCH VOYAGEUR	99	+1442	-.32	+2	+97
1495881	KEL-B IMPERIAL TRIUNE	99	+1074	-.02	+36	+121
1497509	WEINER OLIVER PERFECTION	99	+1063	.00	+38	+123
1501812	MILU IVANHOE BB LAD	98	+548	-.14	0	+36
1504551	WINFARM ALTITUDE	99	+939	-.01	+32	+107
1505212	PRODUCERS SKYLARK COMET	97	+1040	-.06	+28	+108
1506745	E-Z-ACRES ORLO SKYDEAN	98	+995	-.11	+20	+93
1506982	ZELDENRUST IDEAL LEADER	98	+451	-.06	+8	+41
1508246	ZION-MEADOWS ADMIRAL	98	+628	-.11	+6	+50
1509548	REYNOLAND COCKNEY PRINCE	99	+1144	.00	+42	+134
1509637	ACE ROYBROOK RONSON	98	+580	+.01	+22	+69
1510504	WESTSIDE MAXIMUM	81	+1127	-.12	+23	+106
1510586	OLMANSON KINGPIN ROBURKE	99	+526	.00	+19	+61
1512026	HARRISBURG GAY IDEAL	99	+1248	-.09	+31	+126
1515508	SEITVIEW COMET ROBURKE ANN	99	+872	-.05	+24	+91
1515669	COLLINS-CREST LOU FURY	84	+186	-.02	+4	+18
1516360	HEINDEL K C KIRK JUPITER	99	+1404	-.06	+41	+150
1516551	OLATHE JUDY ERIC	99	+1552	-.14	+34	+150
1518703	MAREVA PILOT BELMONT KATE	99	+1572	-.15	+34	+151
1520161	NICOLK SUNSHINE BOLD CHIEF	99	+378	+.31	+58	+107
1520162	NICOLK ROYAL COMET	98	+1047	+.05	+46	+134
1520832	SILVERWOOD CITATION ORBIT	99	+677	-.16	+1	+46
1521958	LARRYDALE TELSTAR GALAXY	84	+189	+.07	+17	+36
1526128	WHITTIER-FARMS APOLLO ROCKET	99	+2065	-.20	+42	+194
1526403	VICLANE DUSTY ASTRONAUT	69	+309	+.15	+33	+67
1535235	P-F BURKE INTENSE	98	+512	-.02	+15	+55
1536450	ROSE-E-VUE ROCKMAN COUNT	99	+1493	-.05	+47	+164
1536957	CARNATION FIRST MILLION	99	+785	-.01	+27	+90
1537201	BIG-M WILL DO	76	+720	-.05	+19	+74
1537570	CHAPEL-BANK APACHE	99	+223	+.24	+42	+74
1537886	MOWRY-C CITATION ROCKET	99	+213	+.23	+41	+72
1539577	WESTMORELAND BRIDGETTE CAL	99	+812	-.16	+5	+60
1540478	ADDMORE ADMIRAL ALSTAR MAC	52	+222	+.17	+33	+61
1541533	ILLINI FOND BILLY	99	+726	-.02	+24	+81
1542812	MERWILL BURKGOV YOUNGER-TWIN	98	+368	+.09	+26	+61
1542813	MERWILL ROCKMAN ELDER-TWIN	94	+319	+.05	+19	+48
1544654	DINGLEY-DELL ADMIRAL CHIEF	98	+206	+.05	+15	+35
1546177	WIS MAGICIAN GRAY VIEW	79	+960	-.03	+30	+105
1552573	M-V-B-A DAGAN SHIRLEY JEFF	99	+1183	-.16	+19	+104
1553377	COLO-S-U CLIPPER	94	+1561	-.25	+17	+126
1554410	WHITTIER-FARMS IVANHOE ACE	93	+697	-.08	+13	+64
1556373	GLENDELL ARLINDA CHIEF	99	+1907	-.09	+55	+203
1556820	DELATI ALSTAR GERRI MARTIN	99	+1643	-.06	+51	+180
1556983	ROBTHOM FAITH VOYAGEUR	96	+585	-.07	+11	+54
1557735	ARLINDA CHIEF MARINE	70	+637	-.06	+15	+63
1558140	DE-WA-SEE CARLJO CHIEFTAIN	94	+1155	+.03	+47	+142
1558270	ROSEMERE FURY IVAN	97	+1059	-.07	+28	+109
1558842	ARLINDA JET STREAM-TWIN	99	+2019	-.23	+37	+184
1559080	LAVACRES MAPLE	93	+668	.00	+25	+79
1559957	SAPA-SKA RULER ROCKMAN	97	+531	-.02	+17	+59
1559991	LIME-HOLLOW ADMIRAL DE KOL	99	+1183	-.11	+26	+114
1560026	JUNELL IVANHOE CHIEF CHARLIE	89	+789	+.01	+30	+94
1561201	REDFIELD RULER DIAMOND	23	+514	-.10	+4	+39
1561673	JO-DAN B E IVAN	90	+1065	-.12	+21	+99
1561753	DOUBLE NED HARVEYCREST WALKWAY	97	+1636	-.11	+42	+166
1562622	OAK-BEND ROYAL IDEALIST	99	+792	-.08	+17	+76
1562663	COLDSPRINGS STYLEMASTER WIZARD	97	+1032	-.14	+17	+92
1563453	WILLOW-FARM ROCKMAN IVANHOE	99	+958	.00	+35	+112
1563879	UK FOND MATT ART	99	+933	+.11	+51	+133
1563897	ROUND-OAK ROCKMAN	98	+702	-.01	+24	+80
1564147	SEVENS GRAND SUPREME	99	+1603	-.28	+15	+126
1564328	POVERTY-HOLLOW BURKGOV DEMAND	98	+2093	-.30	+28	+176
1564649	TIHO KIT BUILDER	99	+633	-.12	+5	+48
1565026	LEMAX RAG APPLE HAVEN	71	+711	-.23	-8	+3
1565870	KANZABROOK MATT CARLO	96	+248	-.15	-12	.
1566907	BIRDLAWN BOOTMAKER FROSTY	56	+1153	-.13	+22	+10
1566948	ROCBY APOLLO FAWN HONOR	97	+1368	-.13	+29	+13
1569187	SUNGOLD KINGPIN PERCY BURKE	98	+901	+.02	+36	+11
1570322	ARLINDA FOND MASTER	59	+900	+.08	+45	+12
1570678	LEWAJOHN PACLAMAR LUCIFER	40	+959	-.11	+19	+9
1570729	SKAGVALE CLASSIC CITATION	53	-127	+.10	+9	+
1570814	ROKA APTITUDE VICTOR	81	+805	+.03	+33	+9
1570894	BIRCH-HOLLOW ROYALTY	52	-349	-.08	-24	-5
1571012	U-OF-MD COLUMBUS	97	+824	+.07	+40	+11
1571047	ARLINDA FOND MARINER-TWIN	59	+685	-.15	+3	+4
1571320	GARDENIA CHIEF ASTRONAUT	98	+598	+.20	+51	+11
1571618	POULIN SUNSHINE HALLMARK	92	+894	-.04	+26	+9
1571737	HOBBSHAVEN CHIEF NENO	47	+456	+.08	+28	+7
1572262	MIDDESSA MARQUIS PERFECTION	80	+895	-.19	+4	+6
1572656	LUDVUE FOND TOM	99	+781	-.12	+11	+6
1573660	SUNNYSIDE-M ROMEO-TWIN	92	+1284	-.08	+35	+13
1574000	AR-VEE A C STORMEY	88	+834	-.04	+25	+9
1575152	ROUND-OAK SUNGOLD CHIP	92	+1495	-.26	+13	+11
1575285	MOWRY-K IMPERIAL KNIGHT	96	+944	+.06	+43	+12
1575318	MALAMEN SUPREME PIONEER	96	+1131	-.09	+28	+11
1576022	ROCK-HOME SENSATION SUPER	96	+527	+.02	+26	+7
1576619	M-V-B-A APOLLO GINA RUDY	82	+636	+.01	+25	+7
1576639	M-V-B-A MATT MINX HENRY	92	+571	-.09	+7	+4
1577799	COLLINS-CREST SUNSHINE CHIEF	99	+629	+.12	+40	+9
1577800	ACE-HIGH-DAIRY TRIXIE BEN TED	97	+1731	.00	+63	+20
1578139	MILU BETTY IVANHOE CHIEF	99	+1334	-.12	+30	+13
1578759	SUNNYSIDE DESTINY STANDOUT	75	+757	-.17	+2	+5
1579936	U-MO ROCKET ALBERT	83	+1000	-.21	+4	+7
1580020	ARLINDA COMMANDER	99	+1207	-.01	+42	+13
1580790	LONG-HAVEN KINGSTEAD ADMIRAL	86	+1025	-.15	+15	+8
1581130	LA-RARE MILLIONAIRE	79	+708	-.15	+4	+5
1582360	SIMPSONS BURKGOV SNOWMAN-TWIN	97	+1087	-.13	+20	+9
1583197	WAPA ARLINDA CONDUCTOR	99	+1625	-.02	+56	+18
1584578	FOXLEASE EXPLOSION	95	+1230	-.12	+27	+11
1584687	MARINDALE SKY CHIEF	91	+808	+.01	+31	+9
1585609	BOBANDA STYLEMASTER SKYBOY	97	+599	+.08	+33	+8
1585759	DODGE-VIEW GEM-TWIN	48	+1177	-.08	+31	+12
1585846	GREEN-PASTURES STANDOUT IDEAL	89	+1042	-.20	+7	+7
1585852	CAERNARVON DUTCHOE	98	+399	+.08	+26	+6
1586144	ROBTHOM ANTHONY PERFORMER	95	+976	-.11	+19	+9
1586960	MATHEWSFIELD PERFECTION-TWIN	86	+828	-.11	+14	+7
1587267	KIME-FARMS ASTRONAUT LEWIE	78	+1374	-.02	+47	+15
1587798	LA-HONDA STARMAKER	95	+1215	-.22	+10	+9
1587830	CEL-LO-BAR DUBLIN SUKE	51	+1063	-.14	+17	+9
1587904	FORBESACRES SEAMAN PAUL	86	+1044	-.07	+28	+10
1588016	WEIL-LAND DIVINITY HI HOPE	73	+1053	-.05	+30	+11
1588171	REDROOF ASTRO ELMO	95	+1693	-.22	+27	+14
1588249	WHITTIER-FARMS ASTRO GALAXY	90	+537	+.11	+36	+8
1588639	SUN-VALLEY SENSATION NEIL	84	+1155	+.09	+55	+15
1589041	VIGO STANDOUT REFLECTION	91	+1135	-.13	+22	+10
1589198	BARRETT-RANCH IVAN ROCKMAN	89	+1307	-.04	+41	+14
1589220	JERGENS STANDOUT ROMAN-TWIN	95	+1367	-.14	+28	+12
1589706	TRI-TOWN WIS APOLLO	93	+953	-.11	+18	+8
1589857	HUSKER SEAMAN THADDEUS	87	+1162	-.16	+18	+10
1590112	UK SENSATION	97	+1264	-.06	+37	+13
1590154	COLDSPRINGS STYLEMASTER AMOS	98	+868	-.04	+25	+9
1590582	WAYNE-SPRING FOND APOLLO	79	+1588	-.13	+38	+15
1590592	OAK-HILLRANCH BOOTS	96	+872	-.07	+21	+8
1590689	CUMVA PROUD PERFORMER	97	+869	-.04	+26	+9
1590708	HILL-TOP-HAVEN SENSATION FISK	83	+1090	+.10	+55	+14
1590759	SLEEPY-HOLLOW APOLLO KING-TWIN	89	+1283	-.09	+33	+13
1590862	PARK-FOREST KITTY KINGPIN	94	+979	-.04	+29	+10
1590964	GREEN-PASTURES MAJOR BOOTMAKER	94	+578	-.03	+17	+6
1591335	MOWRY-C CHIEF LINDY	70	+1280	-.10	+31	+12
1591398	ARLINDA ASTROCHARM	49	+645	-.16	0	+4
1591482	DELLFIELD STANDOUT	32	+1295	-.10	+31	+12
1591773	RUANN ASTRO MINER	67	+1449	-.06	+43	+15
1591845	HART-LYN SENATOR CHIEF	41	+291	-.04	+5	+2
1592756	PJ IVANHOE STANDOUT PETE	80	+425	-.06	+7	+3
1592936	KINGSTEAD RISE-TWIN	94	+1444	-.19	+23	+12
1592937	KINGSTEAD SHINE-TWIN	95	+665	-.06	+16	+6
1593263	DIAMOND-GROVE CHIP	69	+1569	-.15	+34	+15
1593395	PACLAMAR ASTRO TOP COMMAND	74	+722	+.04	+32	+9
1593405	ARLINDA FOND CARLOS	44	+745	-.07	+17	+7
1593702	MODERN FARM CAREFUL DIVER	79	+1004	00	+36	+11
1593924	BETTERWAY MARATHON	72	+588	-.13	+2	+4
1594103	LAVACRES HOO DOO	66	+818	-.08	+18	+7
1594302	HOACRE SHAMROCK SUNNY HALO	78	+1431	-.19	+23	+12
1594383	ROADS-END STANDOUT CHARLIE	83	+933	-.14	+13	+7
1594801	STERK ASTRO BLEND-TWIN	90	+908	-.03	+28	+9
1594937	BAMA SPRINGBANK DUKE	65	+1246	-.13	+26	+11
1595067	BAR-REL STAR PERFORMER	71	+1508	-.15	+31	+14
1595519	WEL-HI TRIUNE NATE-TWIN	80	+1259	-.12	+28	+12
1595862	JOKI SUNNYSIDE KING	48	+851	-.09	+18	+8
1596441	WILLARDS TELSTAR VIKING	89	+254	+.19	+37	+6
1596998	M-JAYBEE ASTRO JOSIE	48	+1361	-.09	+35	+13
1597214	ELM-CREEK ASTRO DON	54	+902	+.03	+38	+11
1597267	CHAM MATT BAM-BAM	74	+707	.00	+26	+8

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Sire summary

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1597608	STAFFORDSHIRE STANDIN JAY-TWIN	86	+1339	-.10	+33	+134
1597691	HILLHAVEN STANDOUT JOB	96	+1002	-.04	+31	+109
1597697	LIMESTONE STANDOUT STREPHON	83	+1750	-.17	+36	+165
1597768	TEX-STEIN BURKE ASTRO BOB	64	+351	+.02	+15	+44
1598618	LYNKHOLM MILKMAKER	88	+1442	-.18	+25	+130
1598625	ARLINDA ADVENTURE	55	+639	-.08	+12	+59
1599189	ROSTRAVER FARMS MISTER-RED	63	+519	-.09	+6	+42
1599905	PAULO-BRO KNIGHTBOOTS	86	+793	-.02	+26	+89
1599964	SLEEPY-HOLLOW KENNEDY	74	+781	-.20	-1	+50
1600041	UTAG ULTIMATE LUCKY	44	+906	-.13	+14	+79
1600155	ELEVATION MISSION	89	+551	-.03	+15	+57
1600222	STRICKLER BOOTMAKER BLAZE-TWIN	69	+1428	-.08	+40	+150
1600253	DIAMOND-S SUNNY HANK	57	+920	-.02	+31	+104
1600743	SINKING-SPRINGS PER HILARY	52	+1440	-.20	+21	+124
1601125	MONCONY RED-TOP BULLY THE KID	46	+978	-.12	+17	+88
1601195	ELSGLORY LEO ASTRONAUT	51	+1286	-.12	+28	+124
1601535	HAYSSEN ROYALTY-TWIN	80	+421	-.07	+5	+35
1601827	POLYTECHNIC KNIGHT CROWN	87	+790	-.07	+19	+79
1601883	DIAMOND-S PIETJE STANDOUT	96	+1057	-.18	+11	+85
1602410	ARLINDA BOOTMAKER BOUQUET	59	+1298	+.01	+49	+154
1602569	LE-DEL TRIUNE DEAN	82	+844	-.14	+9	+68
1602570	LE-DEL TRIUNE GLEN	87	+735	-.05	+19	+75
1602681	SINKING-SPRINGS PER STERLING	58	+940	-.04	+28	+101
1602720	LONG-HAVEN IMPERIAL KNIGHT	82	+689	+ 07	+35	+95
1603076	COLDSPRINGS PENCOR BELLMAN	48	+880	-.27	-8	+46
1603217	POVERTY-HOLLOW GAY MAN	52	+812	- 05	+22	+84
1603665	CROSWELL KING LEO-TWIN	82	+889	- 12	+14	+78
1603666	CROSWELL KING MIDAS-TWIN	74	+525	-.09	+6	+43
1603893	WHITTIER-FARMS CLASSIC	65	+1323	-.18	+21	+116
1603894	WHITTIER-FARMS HARVEST	75	+1819	-.16	+40	+176
1603912	WILCOXVIEW PERFORMER PAT-TWIN	49	+1528	-.14	+33	+147
1604432	CHAPEL-BANK WINTHROP	73	+573	-.20	-9	+25
1605077	DUARTE-ACRES R SUPERB	57	+532	-.01	+18	+60
1605637	MORRILL STAR BB BICKEN	40	+1361	-.03	+45	+153
1606114	GLG-ACRES TABBEY AMES ROBBIE	81	+1112	+.03	+45	+137
1606122	MOON-GLOW PERFORMER STARKSFORD	67	+1055	-.17	+12	+86
1606929	ROCBY MATT PETUNIA JUDGE	69	+951	.00	+35	+112
1607269	OLMAR JEANS APOLLO	85	+820	-.21	-1	+52
1607335	NICLO NICK	72	+490	+ 01	+19	+59
1607538	EAGLE-ACRES MAPLE ASTRONAUT	82	+702	-.06	+17	+70
1607665	BAYLESS ASTRO SNEAKER	56	+1114	-.14	+19	+100
1607814	PARAGON BOO'MAKER	68	+1224	-.13	+24	+114
1607957	LUND-DALE DELL DIVIDEND	96	+1095	-.06	+31	+116
1608054	WHITE-HEIGHTS R P CHIEF	45	+1046	-.10	+23	+101
1608085	THONYMA ELITE	46	+885	-.02	+29	+99
1608362	GREEN-BANKS ADVENTURER	77	+1664	.00	+61	+195
1608369	NOR-LENE DEE-ANN MAPLE	34	+682	+.16	+49	+114
1608372	E-Z-ACRES STANDOUT STAR	68	+1271	-.12	+28	+123
1608425	ARLINDA CINNAMON	74	+1414	-.06	+42	+152
1608551	MILBROFAR ELATE MAGICIAN	77	+1121	-.02	+37	+126
1608590	NUNESDALE STANDOUT MONARCH	46	+850	-.06	+22	+87
1608621	UKKEL KING BURKGOV MATT	84	+228	-.02	+5	+22
1609007	SUNNYSIDE-M FOND BANDIT	91	+614	-.03	+18	+66
1609200	SLEEPY-HOLLOW JULE	73	+1243	-.01	+44	+144
1609371	DIAMOND MERIT	38	+347	-.06	+4	+28
1609445	COWHERD ASTRO ROCKET	49	+715	-.14	+5	+54
1609575	RAYLORE ADMIRAL BLACKCAP	71	+759	+.04	+34	+98
1609829	ALBY AMIGO BURK ROBBIE	81	+1584	-.19	+28	+143
1609967	BIMINI MAPLE-G ROY-RED	32	-1050	+.04	-33	-115
1609979	C ROYBROOK VALIANT	67	+627	-.02	+20	+69
1610326	PRODUCERS KINGPIN HOO DOO	63	+1160	-.09	+28	+116
1610500	U-MO CHIEFS HAWK	41	+825	-.05	+22	+85
1610555	WILL-TRI FRANS LEGACY	81	+1227	-.04	+39	+136
1610590	LIMESTONE LANCELOT	94	+927	.00	+33	+107
1611284	MIL-R-MOR TRAILBLAZER	72	+1227	-.10	+29	+121
1611492	SAGESER CHIEF ASTRONAUT	48	+1410	+ 03	+56	+172
1611955	PACLAMAR ASTRO SALINA	66	+535	.00	+19	+62
1611956	PACLAMAR IMPERIAL KNIGHT	75	+936	- 16	+10	+75
1612058	ARLINDA PENSTAR	90	+1379	+ 01	+52	+164
1612677	ROLLING-VALLEY BOOT EL CAPITAN	59	+1045	-.07	+28	+108
1612786	VAS CHARMING WINN	70	+1116	-.02	+38	+127
1612826	BAR-VEE WESTSIDE AUSSY	32	+990	- 10	+21	+94
1612924	BAYPORT FOND MATT GOVERNOR	77	+853	+.04	+37	+108
1613259	DAN-VER POLY ROYAL	76	+1552	-.03	+52	+175
1613580	WHITELYN BOOTMAKER RUMLER	54	+867	-.07	+21	+86
1614183	DOREIGH-FARMS MIGHTY FALCON	63	+853	-.13	+12	+73
1614191	WIMSON EXECUTIVE	76	+1190	.00	+44	+140
1614523	LASTING-SPRING STANDOUT	72	+1032	-.04	+31	+111
1614762	ROBTHOM PRINCE VEEMATT	66	+1294	-.19	+18	+110
1615049	AUDETS FOND MATT	64	+1193	.00	+44	+140
1615336	HONNETTE BRUYNCREST ASTRO	39	+739	- 07	+16	+71
1615543	GRUENDALE ASTRO SOVEREIGN	41	+539	-.05	+12	+52
1615549	USP PRIDE MAPLE BEN-TWIN	71	+828	-.01	+29	+95
1615559	POPPYLANE ASTRONAUT DUKE	81	+789	-.12	+11	+67
1615612	AR-VEE ASTRO GAYLORD	42	+1378	-.19	+21	+120
1615618	TIMP-PRIDE ARISTOCRAT CLIPPER	47	+1132	-.15	+19	+101
1615951	WILCOXVIEW BLACK STAR-TWIN	71	+1005	-.09	+23	+98
1616075	ELEVATION APOLLO SID	82	+1322	-.29	+4	+92
1616076	ELEVATION APOLLO VICTORY	67	+689	-.05	+17	+69
1616359	BUD-RANCH CHAMPION STANDOUT	64	+1320	+.01	+50	+157
1616379	ARLINDA TERRY	60	+767	- 08	+16	+73
1616522	COUNTRY HOME ASTRO KING	68	+908	+.07	+44	+122
1617071	RIPPCHEN BOOT-NICK	91	+956	-.06	+26	+99
1617142	S-OF-O STANDOUT	88	+829	-.17	+5	+61
1617266	CEDAR-GROVE GOLDEN NUGGET	93	+1713	.00	+62	+200
1617348	HILLIANA VALEDICTORIAN	40	+1189	-.05	+36	+129
1617444	HATOREY ASTRO PAL	23	+214	.00	+8	+25
1617528	FAIR-HILL TRUST BUSTER	82	+866	-.09	+18	+82
1618035	PENN-DELL APOLLO KING ARTHUR	82	+1021	+.09	+51	+139
1618248	HOLTEX TRIUNE MILESTONE	76	+669	-.05	+17	+68
1618516	ZION-MEADOWS PER INTONE	52	+1253	-.08	+33	+129
1618618	ARLINDA PROUD BOOTY-TWIN	56	+825	-.09	+17	+78
1618620	CAROLRAY MAGROVE FESTUS	87	+753	-.02	+25	+85
1618952	SYLVAN-T ASTRO STARLINER	85	+532	+.06	+28	+74
1619057	GLEN-VALLEY STAR	67	+1240	-.09	+31	+125
1619215	ARLINDA BOOTMAKER PALORIES LAD	81	+1298	-.14	+25	+120
1619297	BERNHILL M G HARMONY	81	+1107	-.11	+23	+105
1619412	DUTCH-CROFT ORION	88	+1066	-.04	+33	+116
1619588	COLDSPRINGS ASTRO BOOTLEG	32	+790	-.22	-4	+46
1619885	VIGO ULTIMATION	84	+424	-.02	+13	+46
1620037	KEHO ERIC	90	+1292	-.17	+20	+113
1620082	TEUNIS STANDOUT ARDEE	27	+509	-.03	+14	+53
1620273	CA-LILL STANDOUT CAVALIER	86	+1556	-.14	+34	+150
1620377	BETTERWAY MILKMAKER	50	+667	-.11	+8	+55
1620600	AR-LOY TIDY PERFORMER LEADER	59	+729	-.06	+17	+72
1620746	MOR-CLEM BOOTMAKER CLEM	86	+1037	-.11	+21	+98
1620937	HAKMAR SKOKIE ERNIE	88	+989	-.13	+17	+89
1621066	DUARTE-ACRES ASTRONAUT ALBERT	42	+1065	-.01	+37	+122
1621095	LLAN-O-WEST ASTRA ROSE	62	+211	+.18	+33	+61
1621350	GREEN-PASTURES R WHITESTAR	69	+1324	-.11	+31	+130
1621539	BROOKVIEW STARSHINE	50	+412	-.07	+5	+34
1621881	PINEHART TOP NOTCH	63	+1393	-.27	+8	+102
1622306	PRODUCERS STAR ADA	30	+1297	-.11	+30	+127
1622784	RAFTER-M IVANASTRO	56	+757	-.09	+14	+69
1622854	ECHO-NOTCH CHARISH	76	+919	-.08	+22	+91
1622953	LUCKY-ROYAL STAR ADMIRAL	49	+1285	-.08	+34	+132
1623525	RANSOM-RAIL PACEMAKER	76	+1129	-.07	+31	+118
1623530	STERK ASTRO ELVIS	47	+494	-.05	+10	+46
1623662	OELFKES GOLDEN ABEL	84	+750	-.05	+20	+77
1623745	PAPPYS SENSATION VAR	66	+1066	-.16	+14	+89
1623999	RUANN ZACHARY	67	+1029	-.13	+18	+93
1624045	HARTWIG JEWEL ACHIEVEMENT	90	+578	-.15	-1	+36
1624803	LANDSDOWN IVANHOE STAR MATADOR	62	+1588	+.09	+72	+206
1624877	THUMB-PRIDE PAYMASTER	70	+1223	-.14	+23	+113
1625268	CASANOVA BVAR CITATION	79	+1215	-.07	+33	+126
1625389	LETTERS BURKGOV TRUMP	83	+1282	.00	+47	+150
1625536	SKOKIE IVANHOE STAR	45	+855	-.09	+18	+81
1625641	PINEYVALE FIRECRACKER	77	+1355	-.10	+33	+135
1625661	BUN-YARD MONEY MAKER	57	+1496	-.12	+36	+149
1625955	MICHIGAN ELISE KINGPIN	76	+641	+.04	+29	+83
1626131	DIAMOND-S BONANZA	42	+1158	-.05	+34	+124
1626486	MIL-BER STAR MAY CHAMP	61	+1115	-.04	+34	+121
1626813	MARSHFIELD ELEVATION TONY	70	+1630	-.10	+44	+169
1626907	ARNOLD-ACRES AQUARIUS APOLLO	81	+707	+.10	+41	+104
1627199	KNOB-LICK LOVER	61	+978	-.05	+28	+104
1627648	BOOTMAKER HOLIDAYS ALOHA-TWIN	38	+858	-.11	+15	+77
1627886	FRGEKA CITATION CHIEF PIERRE	39	+853	+.15	+54	+132
1628223	WILLARDS ARISTOCRAT DUCE-RED	35	+633	+.01	+24	+75
1628242	BIS-MAY ASTRO JUPITER	80	+1424	-.04	+46	+158
1628247	MEI-RUB-BILI ASTRONAUT MODEL	46	+999	-.05	+28	+105
1628637	DEWBROOK BOOTMAKER DEWMORE	86	+725	-.15	+4	+53
1628813	OAK-GREEN VIRGINIAN	74	+890	+.10	+47	+125
1628850	WILLARDS ASTRONAUT INKA	37	+247	+.06	+18	+42
1628967	DORLOY ROBIN REFLECTION	37	+1082	.00	+39	+126
1629092	SLEEPY-HOLLOW ELATOR	51	+1052	+.01	+40	+125
1629120	E-Z-ACRES IVANHOE K TREAT	69	+1132	-.13	+21	+104
1629269	THONYMA STARLITE-TWIN	54	+812	-.07	+19	+80
1629270	THONYMA STARCRAFT	89	+1098	-.05	+32	+117
1629385	POVERTY-HOLLOW MILESTONE	90	+1342	-.21	+17	+112
1629391	HANOVER-HILL TRIPLE THREAT-RED	95	+135	+.13	+23	+41
1629429	HOLLOW-MEADOWS CLASSIC	74	+1010	-.02	+34	+114
1629467	ROCBY ELEVATION CELEBRITY	73	+1476	-.15	+31	+140
1629592	HARTSBROOK BURKGOV KITKEN	60	+1010	-.05	+29	+107
1629889	ZIMHAVEN BOOTMAKER NORRIS	57	+771	-.09	+15	+72
1629962	GAYDALE SELECT	37	+649	-.13	+5	+49
1629980	BODE-ACRES ASTRO CHIEF	86	+1566	-.20	+25	+138
1630240	NOR-LENE PINEYHILL ALSTAR	32	+1292	-.12	+28	+124
1630251	PENN-DELL ELEVATION IVAN	90	+919	.00	+34	+108
1630542	CAL-CAB MASTRO	44	+1115	-.06	+32	+118
1630578	GLEN-LU-KNOLL PEN STONEWALL	63	+1359	-.20	+18	+114
1630667	ROCBY CHARM PIN JONAH	30	-47	+.03	+3	+1
1630705	POLYTECHNIC KNIGHT CORONET	65	+545	-.16	-3	+31
1630990	MAR-JA BOOT TRAILMAKER	73	+996	-.05	+29	+106
1631132	KENTS-RESERVE LUCKY	80	+552	+.01	+22	+67
1631133	KENTS-RESERVE WISPER	42	+1385	-.03	+46	+156
1631223	LIME-HOLLOW ELEVATION MARS	64	+1655	-.16	+35	+158
1631365	CLOCKTON STANDOUT HERCULES	41	+941	-.08	+22	+93
1631604	KERICH MATT ELEVATING	90	+832	- 03	+26	+91
1632024	MIL-SHI-MAR R A SENSATION	79	+1073	-.04	+33	+117
1632079	G-J GEMINI	87	+659	+.06	+33	+90
1632152	CLUE FARM INDIGO SUNSET	80	+901	+.15	+55	+137
1632448	C-F-D BOOTMAKER NOTEWORTHY	74	+1000	-.08	+24	+99
1632505	A & H APOLLO ELEVATION	63	+703	-.05	+18	+71
1632634	ROSNI ROUND OAK RAMPART	88	+329	-.01	+10	+36
1632665	DIAMOND-S KINGMAN	75	+1391	-.13	+30	+133
1632698	VINCENT-VIEW MOLLY CHIEF	91	+1165	- 17	+17	+100

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1632849	LIMESTONE BOOTMAKER GEORGE....	41	+1009	-.10	+22	+97
1633034	GRAY-VIEW A CONQUEROR.....	76	+133	+ 19	+32	+54
1633194	CEDAR-ROSE PACLAMAR EDITION...	45	+485	- 10	+3	+33
1633263	VIGO KINGPIN SHINER	52	+1093	+ 03	+45	+135
1633380	SHADE-ACRES ELEVATION FROSTY..	65	+1284	- 06	+37	+136
1633509	CHASFARM STARMAKER.....	50	+1113	- 02	+37	+125
1633540	DUNWOOD BOOTMAKER LEE-TWIN....	63	+1449	-.11	+38	+146
1633783	KNOB-LICK SHINE.....	63	+961	+.02	+38	+117
1633843	PEAR-BUN WILLARDS TELSTAR.....	80	-38	+.25	+34	+46
1634148	CFI QUALITY PINOAK	29	+1231	- 11	+28	+120
1634218	DE-CHARD BURKGOV POSCH.....	71	+933	- 05	+26	+98
1634269	RIDGEWORTH STANDOUT ROMANCER..	72	+335	+ 10	+26	+59
1634528	BROOKFIELD ELEVATION LIBIDO...	61	+518	- 01	+17	+58
1634703	BERKSONS CHIEF AARON.....	73	+1229	- 04	+39	+136
1634846	AVLON AMITY..	68	+1107	- 05	+33	+119
1635790	BUSY-ACRES LADDIE BOB.....	65	+1396	- 18	+23	+124
1635843	STRAIGHT-PINE ELEVATION PETE..	84	+1965	- 16	+46	+194
1635912	OVER ARCH ALAN	72	+1614	- 03	+54	+182
1636043	OLMAR SUPER CHIEF.....	92	+503	+ 07	+29	+74
1636144	MILL-LANE COUNT ASTROTURF.....	70	+1074	-.16	+14	+90
1636562	DUMBELLE ELEVATION LIFT OFF...	86	+1086	- 14	+18	+96
1636901	PAPPYS ZEUS	64	+510	-.04	+13	+52
1637601	MD-NEW-HOPES REBEL ELEVATION..	25	+1125	- 08	+28	+113
1638034	LAWCREST MARKER	65	+1476	-.15	+30	+139
1638035	LAWCREST MARVEX-TWIN.....	89	+1175	- 02	+39	+132
1638036	LAWCREST MARVEN-TWIN	72	+690	- 20	-4	+39
1638038	LAWCREST LAW MAN	39	+1367	- 11	+32	+135
1638277	AR-LOY KINGPIN STARLITE.....	72	+759	- 09	+14	+69
1638286	BENDMEAD CANDY MAN	67	+1072	- 09	+26	+107
1638402	MAPLE-PASS TAMMY CALCULATOR...	69	+1065	+ 10	+54	+146
1638449	HOLTEX ELEVATION JEWELER.....	27	+903	- 05	+26	+96
1638652	HILMAR A C SAMBO	51	+1228	- 08	+33	+127
1638897	KEN-MEL DENNY	78	+855	- 01	+29	+97
1638983	SONNY-RAY STARMAKER	39	+1285	- 06	+38	+138
1639301	SANMARGALE ELEVATION AJAX.....	56	+1282	-.11	+29	+125
1639388	WHITTIER-FARMS ALTITUDE.....	84	+670	- 08	+13	+62
1639392	U-OF-MD B B CHIEF	86	+1028	- 03	+33	+114
1639748	FRABET TRANSMIT PLAYBOY.....	58	+1577	- 22	+22	+134
1639886	LUDVUE ELEVATION LOREN.....	82	+1159	-.09	+28	+115
1640287	C ROMANDALE ROYAL IVANHOE.....	48	-273	-.04	-15	-39
1640500	TIHO ELEVATION	42	+1362	-.07	+39	+144
1640557	OAK-HILLRANCH KINGSMAN.....	77	+1191	-.17	+17	+102
1640590	ROBTHOM ROYAL VEEMATT.....	76	+1179	-.01	+41	+135
1640803	CLINTON-CAMP ELEVATION ARIEL..	66	+1362	-.21	+17	+113
1640982	THONYMA EAST STAR-TWIN.....	48	+889	+.04	+39	+113
1641100	ROSE-FRONT BOOTMAKER.....	40	+957	-.08	+22	+94
1641148	VALLEY-POND REX	75	+1559	- 18	+29	+143
1641163	COUNTRY HOME I STARTRAITS....	49	+1137	- 03	+37	+127
1641232	SHADE-ACRES STARMAKER..	44	+1215	- 12	+25	+115
1641243	C SHORELEA CITATION MARK A....	61	+1243	- 21	+13	+100
1641285	KOPIAH ELEVATION SKYLARK	59	+1142	- 08	+29	+116
1641397	POPPYLANE ASTRONAUT KING.....	61	+833	- 12	+13	+73
1641449	JOLEO IVAN BOOTS	29	+823	- 03	+26	+91
1641452	SHADE-ACRES WILLIE STAR	86	+759	- 08	+16	+72
1642136	WAUK-A-WAY ELEVATION LEGEND...	50	+1085	- 06	+31	+115
1642397	WADDELL BOOTMAKER PETE	90	+921	+.06	+43	+121
1642705	LA-HONDA ELSTAR	90	+1125	- 14	+19	+100
1642796	GRUENDALE TRIUNE SENSATION....	34	+1314	- 03	+43	+147
1642993	DEMRY MOHAWK MONEY-MAKER	70	+1828	- 23	+30	+162
1643248	BENDMEAD MAGIC OF LIN-CON	68	+955	- 08	+22	+94
1643622	MIDWAY-CREST BOOTMAKER ROCKET.	70	+1280	- 11	+29	+125
1643943	LILLYWHITE SELECT SENSATION...	60	+1137	-.07	+31	+118
1644553	LUND-DALE KINGPIN WHIZ	74	+460	- 04	+11	+46
1644555	LUND-DALE DELL DANDY	84	+1256	- 04	+39	+137
1644615	WESTPORT DUKE TONI	65	+914	00	+33	+107
1644629	LOCUST-GLEN IVANHOE ELEVATION.	78	+1653	- 12	+41	+166
1644630	LOCUST-GLEN MAPLE REX	57	+1025	- 09	+24	+101
1644636	STERK BOOTS SONNY	44	+1221	- 07	+34	+128
1644733	RAY-MC COMMANDER KINGPIN.	54	+928	- 13	+14	+80
1644914	UNIQUE-ACRES ELEVATION.	40	+1097	+ 01	+42	+131
1644963	CHAQUES-VIEW CHIEF DUTCH.....	59	+760	+ 03	+32	+95
1645058	SKY-HI BOOT MARK	65	+721	00	+26	+84
1645421	VOSSMON ASTRO JO BOY	37	+1315	- 16	+23	+119
1645942	ROPIES CHIEF BUFF	36	+1700	- 12	+42	+171
1646084	OAKEN-DALE BOOTMAKER MAX	51	+1571	- 02	+54	+179
1646088	WILLOLEA GOLDEN BOY	76	+516	- 03	+15	+55
1646126	MILKYHILL CRYSTALS JEWEL.	41	+862	- 01	+30	+99
1646228	MAJI R MAPLE MARVEL	79	+724	- 04	+20	+76
1646280	TWIN-V NED ADMIRATION.....	90	+781	- 06	+19	+78
1646702	SUNTRAIL KINGPIN SKOKIE ART...	56	+1019	-.10	+22	+98
1646705	FEHL-ACRES HEILO DON.....	71	+653	+.05	+31	+87
1646886	HARVUE HIGH SPOT	54	+1724	- 10	+47	+179
1646940	JA-SAL GAY IDEAL COUNT	65	+968	- 02	+32	+109
1647190	LE-DEL IDEAL SUPERIOR ..	85	+1648	- 18	+32	+153
1647306	SKAGVALE ROYAL REFLECTION . ..	65	+1016	- 18	+10	+81
1647355	KINGLEA TOTAL TWIN ..	80	+642	- 04	+18	+67
1647360	CONANT-ACRES TFX ...	82	+1174	- 10	+27	+115
1647417	MAPLE-PASS TRANSMITTER PAL....	67	+1515	- 27	+13	+117
1647459	LE-DEL ELEVATION CHRIS	82	+2142	- 29	+31	+184
1647462	WEIKLAND GALA COR STAR .. .	68	+1155	- 10	+27	+114
1647466	M-V-B-A IVANHOE STAR CLOVER ED	69	+858	-.03	+26	+93
1647517	APPLENOTCH LIBERATOR..	51	+1268	- 08	+33	+130
1647518	APPLENOTCH VINDICATOR.	65	+1133	- 18	+13	+92
1647598	PENN-DELL PACEMAKER	66	+683	- 07	+14	+64
1647640	CODERVIEW IVAN ARLINDA CHIEF..	24	+1410	- 09	+38	+146
1647648	CURTMAID CENTURION IVANHOE....	40	+1033	- 18	+10	+82
1647725	SHARDALE ARLINDA CHIEF JEMINI.	76	+1119	+ 04	+46	+138
1647853	RAFTER-M IVANHOE DOUBLE	49	+996	- 15	+13	+83
1647872	JIMALI SECRETARIET	64	+1340	+ 01	+51	+160
1647923	TOPPATION MATT MILKMAKER	55	+858	+ 01	+33	+103
1648032	SWEET-HAVEN HARBORCREST TAURUS	75	+1068	- 12	+20	+98
1648095	ACKLAND CHIEF MARK	85	+749	+ 03	+32	+94
1648145	SUGARLANE BIG BILLY	54	+1172	- 13	+23	+109
1648394	ACK-LEE CHIEF MONEY MAKER.....	65	+1634	- 03	+54	+183
1648465	PACLAMAR ORMSBY	88	+1291	- 19	+18	+110
1648493	BROOK-LODGE MODEL KIT.	60	+1644	- 13	+40	+164
1648691	ROYAL-CEDAR HANNIBAL.	65	+1452	- 06	+44	+157
1648702	WOODBINE MILKMAN	67	-519	-.03	-23	-67
1648742	ROBTHOM ROBIN KINGPIN	78	+784	- 07	+18	+77
1649207	E-Z-ACRES IVANHOE K TRADEMARK.	79	+722	- 04	+20	+76
1649214	DIAMOND-S ELEVATION PONCHO....	57	+1578	- 08	+45	+167
1649432	DIAMOND-S ELEVATION CARLOS....	78	+734	+ 02	+30	+91
1649576	OAK-MANOR ASTRO GEM	54	+1095	- 13	+20	+100
1649680	THUMB-PRIDE ELEVATION MAC.....	48	+720	+ 05	+33	+94
1649806	BARRETT-RANCH BELLMAN KIT.....	66	+749	-.28	-15	+28
1649873	HALL-A-WAY WILLIAM.....	83	+961	-.14	+14	+88
1649969	KERICH ELEVATION S DUDE.....	64	+1185	-.02	+40	+13
1650248	DORLOY CHIEF ROBIN	47	+540	+ 06	+28	+75
1650402	RAY-MC GOVERNOR KINGPIN.....	49	+737	+ 07	+37	+101
1650414	S-W-D VALIANT	69	+1734	- 04	+56	+193
1650510	APPLENOTCH RESOLUTION	37	+1066	- 02	+36	+121
1650826	WALT-JEAN MATT	66	+857	- 01	+29	+97
1650943	BAUMGARTNERS CITA FIRESTAR-RED	51	+217	+ 08	+19	+41
1651441	LILLYWHITE CITATION ALBAN-RED.	53	+693	- 13	+6	+54
1651742	DIXIE-LEE DISTINCTION	71	+663	+ 04	+30	+86
1652218	TABUR TORONADO	55	+1383	- 12	+32	+136
1652232	WITESTAR ELEVATION DEAN..	93	+631	+ 10	+38	+95
1652245	BUSY-ACRES LINDY	85	+1641	- 07	+49	+177
1652465	STERK IVY TELSTAR	96	+406	+ 06	+23	+59
1652476	JACMIN GILTEX ELEVATION TAHARI	49	+1368	+ 03	+54	+166
1652478	SIDHIL PRINCES PAT PREFERED...	75	+1370	- 18	+22	+121
1652542	ROCKY-SIDE R-OAK GEORGE.	45	+656	- 01	+22	+74
1652616	OAKVIEW KINGPIN ELEVATION BOB.	60	+991	- 01	+35	+114
1652865	CAL-CAB MAGELLAN	37	+708	+ 02	+29	+87
1653334	BUGGS CHIEF PABLO	70	+1266	- 16	+22	+114
1653463	S-S-F ASTRONAUT BRAVO	84	+1053	- 13	+18	+94
1653599	TALISMAN-HILL ELEVATION SECRET	86	-78	+ 21	+26	+32
1653724	BROOKS-TWAIN APOLLO KING	81	+1239	- 07	+35	+131
1653922	HOLTEX QUALITY ELEVATION.....	44	+1029	- 11	+20	+91
1653928	GORLIB TIDY DEACON-TWIN	67	+979	- 20	+6	+72
1653956	KILLDEE ELEVATION ERIC..	38	+1266	- 08	+33	+130
1653970	JUNELL IVAN M ELEVATION LAYTON	61	+652	+ 02	+27	+81
1654141	WIMSON PROUD PRINCE.....	80	+1273	- 21	+14	+103
1654163	CAL-BET STANDOUT PETE-TWIN....	80	+639	- 16	-1	+40
1654429	ROCKING-C BIG JACK.	50	+1482	- 10	+38	+151
1654642	GREEN-J HI-HOPE	85	+488	+ 17	+42	+92
1654686	UKKEL BOB ASTRONAUT-TWIN.....	72	+1009	- 10	+22	+97
1654828	GLADELL GOV OF THE RAG APPLES.	90	+403	+ 02	+18	+52
1654850	BOSSIR CONDUCTOR.....	71	+623	+ 10	+38	+95
1654905	ROCBY KINGPIN ELOSIE IMAGE....	57	+828	+ 08	+42	+114
1654991	MARLU TRAILBLAZER.....	77	+742	+.01	+29	+90
1655238	STEBNER REFLECTION BLACKHAWK..	72	+974	-.03	+31	+108
1655378	EL-LOW ELEVATION.....	56	+333	+.05	+20	+50
1655476	WILDVALE ROBURKE MATT REPLICA.	44	+591	+ 01	+23	+71
1655570	PACLAMAR ROBURKE FACT FINDER..	41	+1479	- 13	+34	+145
1655740	ZION-VIEW AMYS GRAND FORTUNE..	85	+1160	+ 03	+46	+141
1655959	MAGROVE CHICO	75	+1667	- 14	+38	+163
1656451	MARLU TITAN	86	+1359	- 16	+25	+124
1656640	ROCKALLI TOP PROSPECT	65	+968	- 13	+15	+81
1657091	STARDELL ROADRUNNER	71	+496	00	+18	+58
1657115	ALEGRE JEWEL SUNSHINE JOHN....	39	+1019	- 07	+26	+103
1657222	SKYLINE ELEVATION JOE.	58	+1207	- 16	+19	+106
1657242	SHANGHIGH BOSS CITATION M	82	+609	- 06	+14	+60
1657469	COTTONWOOD-VALE STANDOUT DAN..	56	+819	- 11	+14	+73
1657498	J-ARGO BART-TWIN	36	+406	+ 09	+28	+66
1657606	CLINTON-CAMP KNIGHT LARCHER...	52	+1068	- 05	+31	+114
1657608	OLMAR ELEVATOR	54	+1030	+ 06	+47	+134
1657886	MOWRY-C DOUBLE OPPORTUNITY....	71	+1158	- 14	+20	+104
1658167	IVANHOE KDS COMBINATION BING..	36	+1384	- 06	+41	+149
1658173	SHELMAR-ACRES IRISH	58	+997	- 09	+23	+98
1658199	PARADISE-R ELEVATION LARRY....	47	+775	- 05	+21	+80
1658701	PEN-COL MONITOR KING	68	+1398	- 18	+23	+124
1658703	MEADOW-HOLLOW LARRY	65	+673	- 10	+10	+58
1658837	VIGO EXCELLON	79	+1023	00	+37	+119
1659046	SILVER-SHADE LINE CHIEF RORAE.	53	+1308	+ 03	+52	+159
1659115	MOORE-FARMS BELLRINGER	75	+744	+ 12	+45	+112
1659308	KRAHNS ELEVATING BART	69	+839	+ 11	+47	+122
1659526	GRIDAN FAMOUS MONITOR	64	+652	- 05	+16	+65
1659546	DIAMOND-GROVE PRIDE	48	+803	+ 01	+31	+96
1659978	ROCBY KNIGHT IRENE BEACON	35	+1328	00	+48	+155
1660003	SHENANDOAH FARM GOVERNOR	77	+817	- 07	+19	+88
1660365	FULTONWAY PROGRESSOR	79	+1535	- 38	-3	+96
1660406	KENTS-RESERVE CINDER	61	+1416	- 20	+21	+122
1660592	WALKWAY MONITOR MIKE.....	65	+1478	- 09	+40	+153
1660651	ROYALANE CHIEF SANDY SQUIRE...	65	+1000	- 09	+22	+97
1660702	GLEN-LU-KNOLL MARBETH FOBES...	43	+1198	- 09	+30	+121

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1660711	BUSY-ACRES LEE	68	+768	+.11	+44	+113
1661045	KAM-JA BOOT DEAN	47	+843	-.16	+7	+65
1661362	BRAINTRIM ELSTAN	78	+870	+.03	+38	+108
1661728	BUTTON-CREST ADVENTURER	45	+1215	-.03	+40	+136
1661730	OAK-HILLRANCH KIT	76	+653	- 10	+9	+55
1661742	AUDETS ELEVATION ELROY	41	+1096	+.01	+41	+130
1661786	NUNESDALE STARLING SABER	39	+923	- 08	+22	+92
1662061	DRAKEMEADOW BOOTMAKER VLIET	57	+293	-.04	+5	+26
1662154	AT&S ADMIRALS SENSATION	77	+982	.00	+36	+115
1662478	WINTONBURY SNOWBOOTS MASTER	30	+315	-.03	+7	+31
1662479	MILK & HONEY ATHENES JASON	82	+630	.00	+23	+74
1662570	CALIET UNIQUE.	83	+860	-.26	-8	+45
1662606	BUTTERDAY BURKE ADMIRAL	82	+1536	+.01	+58	+183
1662717	EMERLING PRIME MOVER-TWIN	69	+968	-.01	+33	+110
1663425	DELLFIELD TREASURE BOOT	44	+1078	-.13	+19	+97
1663473	GREEN-BANKS DIPLOMAT	66	+1251	-.03	+41	+140
1663482	BEECHER R MAPLE ELITE	95	+450	+.20	+46	+95
1663497	PLUSHANSKI PERSUADER	63	+1548	-.03	+52	+175
1663500	RUANN AUTOCRAT	62	+1030	-.07	+27	+106
1663648	LOTTA-VU SNOWMAN	69	+857	+.04	+37	+.09
1663720	CHAR-SAM ELEVATION PABST	84	+1590	-.19	+28	+144
1663820	GREEN-ACRE CHIEF SENTRY	60	+1110	-.20	+10	+87
1664033	HILLAIRE MON PRINCE	62	+855	- 11	+14	+76
1664046	PENMAR APOLLO TOPPER	82	+453	+.09	+29	+71
1664119	WESTMORELAND ELEVATION PRINCE	40	+1051	-.04	+32	+114
1664299	WKU ASTRO LEADER IKE	62	+1052	-.03	+34	+117
1664341	JO-JON BOLD C APACHE	60	+867	-.02	+29	+98
1664397	CREEK-BLUFF ELEVATION LESTER	46	+1415	+.04	+58	+175
1664416	NATZKE BURKGOV NEW STAR	64	+1344	- 07	+38	+142
1664478	CLOVER-WILL CHIEF SITTING BULL	44	+862	- 02	+29	+97
1664494	GLEN-CAL MATCHLESS MONITOR	76	+1607	-.14	+36	+156
1665016	LECHEROS LOVE	49	+1153	-.11	+25	+111
1665126	ALNEZ BOLD GENE	71	+717	+.15	+49	+116
1665132	IDLE DICE-RED	46	+84	-.08	-9	-7
1665634	ROCKALLI SON OF BOVA	66	+1910	- 16	+44	+187
1665671	ROYAL-CEDAR SENSATION D	44	+900	-.06	+24	+93
1666058	CALRICK SILVER BOOTS	74	+1336	-.14	+27	+126
1666156	MAJI R O ELEVATION DESIGNER	82	+466	+.09	+30	+73
1666404	CHIEF LITTLE BOOTS-TWIN	40	+667	-.02	+22	+75
1666428	CHASEHOLME ELEVATION STARBUCK	65	+1316	- 13	+27	+124
1666541	M-L ELEVATION ADRIAN	77	+1252	- 08	+33	+129
1666670	WILLOLEA ASTROVATION	71	+880	- 14	+11	+73
1666755	THAYERS ASTRONAUT IVAN	55	+948	- 02	+31	+106
1667149	DEER-LAKE CHIEF BOOTLEG	73	+1163	-.05	+35	+126
1667237	COLDSPRINGS ELEVATION TRIX	64	+1206	-.03	+39	+134
1667239	EAGLE-ACRES BOOTCAP	59	+1968	- 21	+38	+182
1667366	CARLIN-M IVANHOE BELL	65	+1363	- 04	+43	+150
1667575	HESS-HYVUE DANMAR MONARCH	56	+1617	- 14	+37	+158
1667607	WILL-LO-ACRES VEEMAN R A-TWIN	59	+1075	- 05	+31	+114
1667692	STARDOM BOOTMAKER MANNIX	40	+1384	-.05	+42	+150
1667775	M-V-B-A NED TULLIBEE ABNER	70	+421	- 09	+2	+30
1667832	CORREIA IDEAL SECURITY	29	+943	- 13	+15	+83
1667864	WENDORFS ADMIRAL CHIEF	55	+817	- 02	+26	+90
1668154	LONG-HAVEN ELEVATION APPLE	38	+570	+ 16	+44	+100
1668376	LIN-CON RO R A E MAJESTIC	31	+1302	- 14	+26	+122
1668484	SOONER ELEVATION CHIP	33	+1203	+ 01	+45	+142
1668902	DRAKEMEADOW VAN-VLIET-RED	50	+1500	-.12	+35	+148
1668913	ARLINDA CEDAR	45	+1275	- 08	+34	+132
1668920	TRI-TOWN MEADOW SKIPPER	38	+1140	- 06	+32	+120
1668994	UKKEL PENSTATE MAPLE	69	+639	- 11	+7	+52
1669038	HILLAIRE MON FLEET	63	+1284	-.19	+18	+109
1669113	BUTLERVIEW FABULOUS	33	+787	- 05	+21	+81
1669134	FRAN-LOU AMERICUS	74	-427	+ 02	-13	-46
1669592	TRENTON-PLACE ELEVATION MARVIN	55	+1744	- 11	+46	+179
1669729	ROCBY NED INKY NOBLE	52	+1335	- 05	+41	+145
1669745	ALLEGEN WHIRLSTAR-TWIN	75	+1551	- 12	+37	+154
1669748	THONYMA SECURITY	68	+1171	- 08	+31	+120
1669849	WIMSON KNIGHT	76	+655	- 04	+18	+68
1669851	WAUK-A-WAY FOND RELIANCE	75	+584	+ 01	+22	+69
1669966	PARK-FOREST ELEVATION ASTRO	66	+807	- 06	+21	+83
1670031	WEIKLAND IRA EVE INTENSE	71	+1041	- 05	+30	+111
1670099	GILTEX CAMANCHE	64	+898	-.10	+17	+83
1670190	OAKCREST SENSATION DESIGNER	72	+1142	-.11	+24	+109
1670356	WILLARDS ELEVATION REFORM	58	+741	+.01	+29	+90
1670359	JOYLAND BOLD C JINGLES	75	+970	+.02	+38	+117
1670654	CYPRESS HILL ASTRO CHIEF	61	+1149	+ 03	+47	+142
1670778	ROCBY NED LETA TANNSEN	32	+1408	- 05	+43	+153
1671167	ERNLO SUPERMAN	63	+1760	- 17	+37	+167
1671186	KOOI MADCAP ELEVATION	36	+729	- 08	+15	+69
1671294	EDGEMEAD STAR RUDY	72	+1292	- 11	+30	+127
1671336	HARLA H & R CHECKMATE	74	+1172	- 11	+26	+113
1671532	ROCBY IMPERIAL IONE GRENADIER	49	+1466	- 10	+38	+150
1671538	BROOKFIELD FALCON	46	+1027	- 10	+22	+98
1672056	KRON ELEVATION CHIEF ELMER	43	+1194	+ 06	+52	+152
1672121	LONELY-SPOT BOB TAURUS	60	+1406	- 13	+31	+136
1672151	OCEAN-VIEW SEXATION	61	+1386	+ 02	+54	+167
1672322	ARLINDA JORDAN	76	+1719	- 22	+27	+151
1672326	ARLINDA ROCKET FAME	37	+819	+ 02	+33	+100
1672519	LIME-VALLEY BREAKTHROUGH	69	+982	00	+36	+115
1672669	KERICH EL SKYLAB	34	+1112	- 08	+28	+112
1672934	GRUENDALE SENSATION STAR	31	+976	- 13	+16	+86
1673062	THONYMA ELEVATOR	85	+508	- 01	+17	+57
1673077	LUND-DALE SUPERB NED	74	+1199	- 05	+36	+129
1673121	MIDROCK ELEVATION DUKE	37	+1040	-.18	+10	+82
1673127	LIAS LUMINOUS-TWIN	61	+1101	-.07	+29	+113
1673806	CHIQUES-VIEW ELEVATION BELLE	65	+1196	-.02	+40	+135
1673830	BENDMEAD RORAE NED	38	+1079	-.05	+32	+116
1674245	I-O-STATE CHIEF FORD	65	+2039	-.23	+37	+186
1674295	DROVERS-INN SUPER BLEND-TWIN	76	+1189	-.08	+31	+122
1674431	OPPERMAN SU-CHIEF	56	+642	-.06	+15	+63
1674582	MD-SUNSET-VIEW R A WONDER	43	+1518	-.10	+40	+156
1674586	PA-DOT VERMATION	52	+1184	-.06	+34	+126
1674595	EXRANCO DYNAMITE-TWIN	54	+922	-.02	+30	+103
1674639	OAK-HILLRANCH KNIGHT HECTOR	66	+770	+.01	+30	+93
1674791	CONANT-ACRES P CHIEF SUPERSTAR	73	+759	+.12	+46	+115
1674831	WHITTIER-FARMS ROCKET LAD	37	+1090	-.11	+23	+104
1674833	OSCED BURKGOV CREAM	58	+1073	-.17	+13	+89
1674879	OAKMULGEE KINGPIN TORONADO	78	+549	+.04	+26	+73
1675049	WALNUT-LAKE JEWEL CHIEF	56	+698	+.15	+48	+114
1675358	ENG-AMER IMPERIAL CALVAN	47	+806	-.05	+22	+84
1675594	RICH-J GAY IDEAL TRAVIS	49	+1246	-.11	+29	+123
1675762	KEEF ELEVATION BARBER	36	+1220	-.05	+36	+131
1675780	CAL-CLARK RASCAL ROCKET	58	+1496	-.21	+21	+128
1675823	KINGSTEAD COMET-TWIN	32	+1096	-.01	+38	+126
1675881	PARK-FOREST RON LASS	35	+1221	-.13	+24	+114
1676445	S-W-D JUBILEE.	53	+1034	+ 08	+50	+139
1676494	EMBAR BOLD JIM	68	+603	+.21	+53	+115
1676845	SWEET-HAVEN LOCHINVAR BOOTS	70	+1255	-.06	+36	+133
1676910	COBRYLEA QUALITY	70	+1209	-.07	+33	+126
1677079	REU-HEL FARMS PEACEFUL	33	+917	-.06	+25	+95
1677580	RAY-MC RAG APPLE BUSTER	53	+630	-.08	+11	+57
1677582	STERK EXCLUSIVE	90	+612	-.12	+5	+47
1677625	KLER-VU CHARISMA	65	+582	+.15	+43	+99
1677902	BROOKVIEW CALIBAN	45	+723	-.01	+25	+83
1677951	LE-DEL IDEAL IKE	62	+484	+.04	+23	+64
1678020	STAR-SUMMIT ELEVATION LANCE	57	+1198	-.14	+22	+109
1678164	ELMSMITH MARCUS MARINER	67	+1571	-.13	+37	+155
1678176	APPLENOTCH ELEVATION JACK	50	+571	-.03	+16	+60
1678178	APPLENOTCH FOOTLOOSE-TWIN	52	+1302	-.16	+23	+118
1678377	DEL-FAWN RAG APPLE THUNDER	52	+674	-.13	+6	+53
1678378	EPPLAND IVANHOE DALE	56	+790	+.02	+31	+96
1678385	FAIR-HILL KINGPIN GENERATOR	44	+878	-.01	+31	+101
1678587	WINTERMEN BOOTMARK	73	+1229	-.12	+27	+119
1678710	NUNESDALE CM BLEND	43	+1325	- 05	+41	+145
1678834	THONYMA MERCHANT	53	+958	-.08	+22	+94
1678839	GEORDAVE MARVATION	69	+939	-.05	+27	+100
1680121	MILMAY KINGPIN ELEVATION BOB	45	+907	-.01	+31	+103
1680921	LUDVUE MATTMAKER	57	+911	.00	+33	+106
1680975	WIENKDALE LADYS IMMACULATE	61	+873	- 06	+23	+90
1681010	CAL-CLARK GENESIS	37	+790	-.02	+26	+89
1681130	SINKING-SPRINGS ROCKET JEREMY	35	+1025	- 07	+26	+104
1681628	LONG-HAVEN DELMAR	49	+892	+.05	+40	+115
1682056	MILLIS-AN SHANE	35	+990	-.11	+20	+93
1682152	WILBAR GILLBROOK CONTENDER	39	+787	-.06	+19	+78
1682256	EXETER-HILLS WHIRLWIND	66	+813	-.04	+23	+86
1682485	SWEET-HAVEN TRADITION	67	+2329	-.11	+68	+246
1682870	TEUNIS ROUND OAK CORONA	57	+1483	-.05	+48	+162
1682881	PACLAMAR MAJURO	51	+1424	+ 01	+53	+168
1682883	PACLAMAR TIDY LAIRD	34	+624	+.01	+24	+75
1682888	MARINDALE CHIEFTAIN	43	+749	+ 01	+28	+89
1683805	TRI-TOWN SHADOW WAVE	63	+779	-.10	+13	+69
1683956	BEECHER ECLIPSE-TWIN	83	+348	-.01	+11	+38
1684205	TWIN-LAWN ELEVATION JASON	59	+1699	- 06	+53	+186
1684385	JOLUDI ELMER CHIEF	48	+1542	.00	+56	+180
1684501	JA-SAL GAY DUKE	45	+1252	- 17	+20	+110
1684565	MAR-BIL IVANHOE ROYAL	67	+746	+ 06	+36	+100
1684923	LARITA IVANHOE CHIEF SARGE	58	+686	-.05	+17	+69
1685126	ARLINDA TRISTAR	24	+1061	-.06	+29	+110
1685359	DONACRES DYNAMO-TWIN	39	+1327	-.08	+36	+138
1685803	YULES-PRIDE ELEVATION ACE	69	+1107	+.01	+41	+131
1686025	STERK R A IJON	40	+1194	+.02	+47	+145
1686245	PACLAMAR CRESTLINER	50	+1001	-.11	+19	+92
1687902	TWIN-LAWN ELEVATION ANDY-TWIN	31	+983	-.04	+29	+105
1688114	M-V-B-A NED JOLLEEN JOLLY	63	+904	-.02	+30	+102
1688322	SHADE-ACRES OTIS STANDOUT	55	+1129	-.05	+33	+121
1688791	MOREDA-LAGUNA KTS COUNTRY BOY	33	+915	-.09	+19	+87
1689361	BUTTERDAY PREMIERE CHIEF	53	+480	.00	+17	+55
1689657	IDELRIE ASTRONAUT CHIEF	73	+910	-.08	+21	+89
1689900	OLMAR STARBRITE	29	+983	-.06	+26	+101
1689994	RWJS COMBO RAIDER-TWIN	42	+1504	-.06	+45	+162
1690422	MIDDESSA LIL ARLINDA	30	+1387	+.03	+55	+169
1690469	STEVINSON ELEVATION HENRY	50	+640	+.06	+32	+87
1690843	KINGSTEAD ELEVATION MATADOR	73	+1491	- 17	+28	+137
1692150	M JAYBEE GRAND SLAM-TWIN	56	+785	+ 06	+38	+105
1692759	EAGLE-ACRES ELEVATION CAP	33	+798	-.05	+22	+83
1695258	C TAMLANE ROCKMAN SENATOR	53	+1225	- 10	+29	+121
1697370	SAPA-SKA JEWEL CHIEF	30	+1193	- 14	+22	+109
1700553	KINGWAY ELEVATION VERY	51	+789	+.08	+41	+110
040290107	ENGHILL PERSEUS ADMIRAL	81	-639	+ 06	-15	-63
040305357	APACHE CITATION MAGIC	79	-167	+.14	+13	+8
040308268	ROSE VEGA ROCKMAN JUSTICE	75	-578	-.01	-22	-69
040308691	ROYBROOK STARLITE	97	+1358	+.14	+71	+189
040308945	MISSISSIPPI ROCKMAN PROSPECT	51	+509	-.09	+8	+42
040310494	ROMANDALE ROCKMAN INSPIRATION	57	-174	- 06	-14	-31
040314415	BOND HAVEN ROYALSTAR	89	+18	- 08	-11	-14
040320891	QUALITY ULTIMATE	82	+272	-.01	+8	+29
040322717	ROMANDALE TELSTAR JUSTIN	56	-927	+.18	-10	-75
040322719	MOERACRES STAR LEE	42	-83	+.13	+15	+16

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Sire summary

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Ayrshire

NUMBER	NAME OF BULL	RPD %	PD74 MILK	PD74 %	PD74 FAT	PD74 $$
128211	MILAWAY ALBI	93	+465	+.04	+23	+63
130174	MAR-RAL FICKLES BOY	94	+812	-.12	+19	+80
130772	ANCHOR MERE JUMBO	63	+1006	-.05	+34	+114
131142	OAK RIDGE COMMANDERS STAR	94	+681	-.07	+19	+71
132662	REIDINA DAWNER GALLANT MAN	75	+1107	-.04	+39	+128
132896	TOLL GATE CHOICE JACK	96	+774	-.08	+22	+82
133970	HEINDEL B. A. BEN	71	+346	-.04	+9	+35
134172	FAIRDALE BETTYS GEMINI	92	+813	-.13	+17	+77
134227	SUNNY HILL PEGGYS SUNBEAM 3RD.	82	+93	.00	+4	+12
134776	MEREDITH PETER PAN	94	+630	+.05	+30	+84
135371	MEMORY LANE SOPHIAS BOY	59	+266	+.02	+13	+36
135624	HALMYRE URR SHAREHOLDER	92	+608	-.06	+17	+64
135640	WHITE AYR CHOICE HEIR	73	+432	+.05	+22	+59
135765	OAK RIDGE FLASHY FORTUNE	67	+189	.00	+7	+22
136088	OAK RIDGE SUPER STAR	72	+717	-.06	+21	+77
136770	INGLEDALE MASTERPIECE	28	+148	+.05	+11	+25

Guernsey

NUMBER	NAME OF BULL	RPD %	PD74 MILK	PD74 %	PD74 FAT	PD74 $$
575727	CHEDCO PETALS PRINCE	33	+137	+ 09	+15	+30
576656	SUNESLOPE CHAMP DIVIDEND	87	+601	- 08	+20	+68
577154	ATTEBROC FLASH DIVIDEND	75	+852	-.16	+24	+90
577980	KELLOGG CHIEFS BILLY	87	+830	-.04	+35	+104
578458	FRA HIB MARYS P TOPCAT	81	-394	-.07	-25	-61
579293	KELLOGGS T C CHIEF.	72	+840	- 15	+24	+89
579362	SCHWINGHAMER FARM QUANTITY	95	+819	+.07	+46	+119
579850	HAPPY HILL KING.	89	+337	-.07	+9	+35
579953	OLYMPIC VIEW B MAVERICK	93	+1158	-.03	+52	+149
580172	WESTERN GLOW DARI FINANCIER	91	+230	.00	+11	+31
580204	KELLOGG MINNIES CHOICE	98	+1431	-.12	+55	+172
580792	FOREMOST TOP JOLLY	80	+476	-.23	0	+31
580919	HOUSLEYS DARI FAYVOR	99	+613	.00	+29	+81
581091	WEE MANOR TOP COMMAND	41	+556	-.21	+6	+45
582195	LYRENE WISTAR DEACON	69	+1052	+.08	+58	+151
582397	YELLOW CREEK DORAMOST	89	+585	- 01	+27	+77
582722	MAPLEWOOD A B CHAMPIONS PRIDE	28	+456	-.06	+16	+52
583450	MESABA NANCE EXTRA	32	+560	-.10	+17	+61
583550	GRANDVIEW WISTARS FABIAN	86	+1220	+.01	+59	+163
583872	WELCOME WISTARS FANCY	87	+886	- 16	+26	+95
583873	FALCONS WISTAR PATRICIAN	79	+1109	-.11	+41	+131
585033	MCDONALDS JEANS WINNER	86	+270	+.08	+20	+46
585136	GRANDVIEW WISTARS BART	89	+980	+.01	+47	+131
585265	BROOKNOOK CYCLONE	87	+737	+.04	+39	+104
585398	KELLOGG CHIEFS MARTIN	74	+975	- 20	+26	+101
585495	WESTERN GLOW WISTAR PREMIER	84	+1078	+.08	+59	+154
585588	MCDONALDS TOP PILOT	84	+1173	-.29	+25	+112
585753	WELCOME HOLLI PRINCE	45	+701	- 04	+29	+87
586569	HORNBACK FARM PRINCE EXTRA	74	+761	+ 02	+38	+104
586593	BROCKWELL B ATLANTIC	56	+1091	- 11	+40	+128
586710	MCDONALDS PRINCE ROYAL	69	+701	-.14	+19	+73
586731	MAURANA WIS TELESTAR	90	+1412	- 03	+64	+183
587076	OLYMPIC VIEW JAMAICA	50	+761	-.07	+29	+91
587134	SUMMERFIELD SABO COUNTRY BOY	68	+505	-.14	+10	+47
587224	NELLS GLOW LAFAYETTE JACKSON	41	+468	-.11	+11	+46
587372	METZGER FARMS ROLEX	54	+720	+.12	+46	+112
587525	SPRING WALK UNCLE CHARLIE	46	+676	-.21	+11	+60
587561	LANCES C COMMANDER	23	+361	+.01	+18	+49
587904	BROOKNOOK MOMENTOS STARFIRE	76	+619	-.17	+12	+57

Jersey

NUMBER	NAME OF BULL	RPD %	PD74 MILK	PD74 %	PD74 FAT	PD74 $$
604694	VAUCLUSE SLEEPING SURVILLE	99	+703	- 03	+33	+93
604853	REGLI PREMIER DENI	92	+1166	- 31	+28	+116
606615	STAR SECRET TRIGGER	97	+763	-.19	+20	+78
608205	FOREST SECRET ATLAS	85	+437	- 11	+12	+46
608318	TRIUMPH SUPREME LAD	88	+781	- 12	+28	+91
609027	DORIS SECRET FAVORITE	29	+664	- 13	+21	+73
609128	B S NOBLE SUPERB	95	+1059	- 19	+35	+119
609485	ADVANCER SLEEPING MILESTONE	99	+530	- 23	+5	+42
610868	HAR-BET CORALADS EAGLE	82	+759	+ 01	+39	+105
611013	FOREST SECRET MIGHTY	44	+743	- 06	+32	+94
611085	MAJESTIC VICTORY PHIL	96	+1251	- 19	+44	+144
611244	CHERRY NOBLE BRUCE	86	+614	+ 11	+41	+98
611374	GOLDEN FAITHFUL	95	+81	- 01	+3	+10
612364	FAIR WEATHER THRILLING DESIGN	65	+715	- 03	+33	+94
613173	GRAMHIL LEADER SOPHIA SAMSON	95	+1340	- 20	+47	+154
613633	TENN LOTUS BCB LAD	81	+852	- 24	+20	+84
614660	PIXYS BARONET JOE	84	+1014	- 29	+23	+99
614850	WILLRICH MERCURY (LL)	97	+1800	- 15	+75	+224
614934	SUNBEAM DREAMER	79	+606	- 14	+17	+64
614983	KEYS LYNN TRADEMARKS DAYLIGHT	71	+1251	- 13	+50	+153
615053	SUPREME VIRGINIAN	93	+943	- 24	+24	+96
615066	H V F ESMOND PLUS	77	+692	- 04	+31	+89
615125	WELCOME SECRET TESTER	82	+799	- 07	+34	+100
616022	BRIARCLIFFS BOLD TORONO	66	+1541	- 40	+36	+152
616323	QUICKSILVERS GOLDEN LAD	64	+595	+ 08	+38	+93
616377	FINALIST OF MARLU	56	+1228	- 23	+39	+136
617102	GENERATORS ORATOR OF OGSTON	88	+1336	- 48	+19	+114
617113	ESMOND WINSOME GOLD	76	+556	-.08	+21	+66
617178	GENERATORS DAIRYMAN	69	+1086	-.28	+27	+109
617247	JERWOOD LOTUS DUKE	34	+1056	-.07	+46	+134
617287	GENERATOR HL EARL	41	+1428	-.32	+39	+149
617652	PHILS MILK BOY	79	+677	-.02	+32	+90
617655	PHILS FAVORITE JUAN	80	+572	+.04	+33	+84
617923	FOREST MIDNIGHT	51	+1374	-.31	+38	+144
618062	MILLS SPARKPLUG	64	+1088	-.33	+22	+102
618375	GENERATOR BOATMAN	34	+923	-.20	+27	+99
618993	SHADEWELL ETHAN ALLEN	39	+1167	- 25	+34	+124
619083	BLANTON TRISTRAM GENERATOR	62	+646	-.17	+17	+66
619155	FAIRVIEW ALPINE MAX	86	+392	-.15	+6	+34
619366	STARDUST HERITAGE	64	+777	- 12	+28	+90
619627	SAMPLE GENERATOR	25	+944	- 15	+33	+109
619686	FORESTERS PROMOTER	45	+906	-.08	+38	+113
619710	BRIARCLIFFS ORACLE	56	+1273	-.19	+45	+147
619853	VICTORY TIME PREDICTOR	90	+1092	- 17	+38	+125
619994	STARN GENERAL	75	+1871	-.43	+49	+192
620336	HEADSPRING AMBITION	48	+529	-.15	+13	+53
620428	GENERATORS JEWELER	54	+1625	-.27	+54	+183
620738	BRIARCLIFFS SOLDIER BOY	42	+1598	- 29	+51	+177
620883	PIXY FARM PROPHET	67	+939	- 24	+24	+95
620963	CORALADS JIM.	66	+810	- 01	+40	+110
621309	SECRET HL BENJAMIN	73	+644	- 15	+18	+68
621333	BRIARCLIFFS BRAVE SOLDIER	55	+1546	- 43	+34	+149
621479	SILVER FIRECHIEF	69	+981	- 13	+37	+117
621537	EHV GENERATORS DREAMBOY	69	+936	- 28	+20	+90
621578	MILLS GLORY	53	+1033	- 27	+26	+104
622043	FERNDALE FAVORITE MILESTONE BA	61	+572	- 07	+22	+69
622118	SUMMETZ SAFETY DEPOSIT	73	+900	+ 03	+48	+127
622119	W F. SECRET JAVELIN	71	+1103	- 33	+23	+105
622192	BRIARCLIFFS OBSERVING PERFORME	64	+1394	- 18	+52	+165
622217	M S. KATIES SILVER MINT	53	+428	+.11	+32	+73
622370	BETTYDON QUICKSILVER DREAMER	56	+791	-.22	+19	+79
622376	FAVORITE YANKEE	81	+921	-.30	+17	+84
622623	REGLIS DENI HI-POWER	39	+1330	- 21	+46	+152
622648	EHV SILVER VERMONTER	90	+1111	- 10	+46	+138
622671	H V.F. MILESTONE TRISTRAM	58	+983	- 32	+18	+90
622721	SECRET HL ADAM	58	+1145	- 18	+40	+132
622771	SHADEWELL FASCINATOR	88	+1482	-.13	+61	+183
622801	BRIARCLIFFS BOLD EXPLORER	39	+1004	-.06	+45	+129
622829	MLF GENERATORS BIG FOUR	60	+1098	-.29	+27	+110
622894	SEACORD-FARM FAVORITE ZORRO	76	+1025	-.16	+36	+118
622999	TENN SOLDIERS PRIDE	61	+1565	-.32	+46	+168
623116	SANTIAM DUTCH TRIUMPH	66	+970	-.19	+30	+106
623157	FAVORITE GENERATOR.	56	+1456	- 25	+48	+163
623158	FAVORITE SAINT	42	+1871	-.39	+53	+197
623235	PIXYS SUPREME	37	+361	- 10	+9	+36
623329	QUICKSILVER NOBLE	56	+1342	-.20	+47	+154
623330	QUICKSILVERS MAGIC OF OGSTON	49	+1484	-.29	+45	+161
623470	FAIRVIEW HILLBILLY	84	+737	-.12	+26	+85
623490	MILKNHONEY GENERAL	28	+1158	-.19	+40	+132
623580	HI-LAND FAVORITE ALEX	54	+787	- 22	+19	+78
623611	MILLS JINGO	33	+880	- 16	+29	+99
623663	MINNIE PANSY QUICKSILVER	75	+739	+ 08	+45	+112
624431	SCHULTZ RAIN DANCE	36	+1019	-.26	+26	+103
624576	STARDUST GEMINI.	58	+923	-.10	+37	+113
624754	MAGGIE REVIVAL	38	+878	-.06	+39	+113
624852	REGLIS L.C. JACKPOT	59	+683	-.16	+19	+72
624896	BRIARCLIFFS BLACK MAGIC	47	+1501	-.33	+42	+158
625617	ROCKY HILL B.T. TOM-TOM	39	+376	.00	+19	+52
626412	FREDESTEL SECRET SUCCESS	42	+923	-.10	+37	+113

Brown Swiss

NUMBER	NAME OF BULL	RPD %	PD74 MILK	PD74 %	PD74 FAT	PD74 $$
146947	WHITE CLOUD DOREENS DELEGATE	99	+1219	- 05	+42	+139
148347	EVERGREEN LANE BURTON	85	+822	+ 05	+39	+109
148487	BLACKLAND BLOSSOMS EL-BRITE	95	+858	+ 08	+45	+120
150692	VENTURES SUNNY BRUCE	97	+479	+ 07	+28	+71
152423	NAKOTA PRINCE LADDIE	69	+432	- 08	+8	+40
152424	NAKOTA PAVANNE EARLE.	83	+479	- 05	+13	+50
152968	MAPLE GROVE ROCKY	63	+666	-.13	+11	+59
153699	L-J FIDDLE S.	79	+664	+ 07	+36	+94
154912	NAKOTA PAVANNE EVILO	88	+2352	- 20	+66	+247
155075	WHITE CLOUD JASON CARSON	54	+738	+ 04	+35	+98
156033	SUGAR VALLEY UNITED BANCO	66	+436	- 04	+13	+47
156458	ROLLING VIEW MODERN STRETCH	95	+1386	- 07	+46	+156
156583	HIGHLAND ACRES ECHO JESS	49	+402	-.08	+6	+35
157342	EBENEZER LADDIES MERIT	68	+768	+ 05	+37	+103
[illegible]	E ED GREEN CLAIRABELLE IKE	33	+875	- 07	+27	+95
158262	SUGAR VALLEY MARAUDER	69	+157	- 02	+4	+16
158696	MAPLE GROVE PERFORMER	90	+1133	- 15	+26	+111
158853	HARRIS HILL TOM JONES	93	+1015	- 01	+40	+123
159245	ES PUNCH RAY.	67	+467	+ 03	+23	+63
159523	BRIDGE VIEW DISTINCTION.	67	+937	-.11	+24	+95
159626	ES BEAUS LARRY	58	+519	- 09	+10	+48
159771	E E BEAUTICIAN KING	80	+1290	-.14	+33	+131
159857	RED BRAE MONARCH	95	+330	- 10	+1	+23
159994	NORDENTAHL BEAUTICIAN HAMLET	43	+920	- 12	+22	+91
160086	LAR-LE STRETCH TITAN	40	+1085	- 15	+24	+105
161170	TUOLUMNE SMASH	45	+705	- 04	+23	+71
161227	MARTY L TORO	22	+1025	- 07	+32	+112
161373	HARRIS HILL IVAN	64	+756	+ 02	+33	+96
162039	E E LILASON JOE	91	+778	00	+31	+95
162106	ES JESTER RAY	53	-34	+ 06	+6	+6

(Turn to Page D7)

Sire summary

(Continued from Page D6)

162447 TATEYS ELEGANTS VICTOR.....	31	+757	-.04	+25	+85
162885 BLESSING PAVANNE SUCESS.....	64	+861	-.25	+3	+60
163016 ES JASON BERT...	46	+538	-.05	+15	+56
163017 ES JASON ELAIM.....	41	+658	- 04	+22	+74
163153 WEST LAWN STRETCH IMPROVER....	91	+1421	-.09	+46	+152
163779 STONE STRETCH PERFECTION.....	76	-435	+.05	-12	-45
163860 ALEXANDER ALARIC STRETCH JIM..	33	+1136	-.12	+30	+117
163990 HARRIS HILL DIABLO	34	+697	-.06	+20	+74
164757 VINE VALLEY PAVANNE LU ANSON..	67	+774	- 14	+14	+70
164943 BECKERS CAPTAIN KAYLE.	58	+954	-.05	+32	+108
165628 HUNZIKER RED BOOTS CHIEF.....	69	+753	-.16	+10	+63
165659 HAPPY OURS STRETCH COWPOWER...	48	+379	-.08	+5	+32
166467 V F BEAUTICIAN LANDON.....	23	+1274	-.09	+39	+139
167037 BRIDGE VIEW COMBINATION.....	19	+1312	-.05	+46	+151
167061 HERMIT HAVEN S D J SUNSHINE...	37	+1401	-.05	+50	+162

Milking Shorthorn

NUMBER NAME OF BULL	RPD %	PD74 MILK	PD74 %	PD74 FAT	PD74 $$
311770 MINN DUKE DARIUS	90	+1582	+.1	+70	+203
317993 VOLGA-S BOLD VENTURE.....	80	+869	00	+32	+102
330838 U OF MINN MAJESTY MARLIN.....	76	+1080	- 01	+39	+126
333409 U OF MINN ADVENT D PILOT.....	58	+735	+ 03	+30	+91
338090 U OF MINN DEXTER DUKE.....	59	+883	00	+33	+105
338091 U OF MINN DARA'S ADVENT.....	77	+517	+.11	+30	+76
343859 WILDWOOD D'S RED KING 2D.....	47	+1429	-.01	+51	+166
345036 U OF MINN CLD D-A-D COMBO.....	41	+553	+.03	+23	+69
347285 VALLEY VIEW JEWEL PROMISE.....	32	+560	-.05	+16	+59
349752 PINESEDGE CAESAR.....	73	+384	-.01	+13	+44
353738 INNISFAIL JEAN'S PROMISE.....	46	+766	-.04	+24	+84
368707 KORNCREST PACESETTER.....	50	+1481	+.07	+62	+185

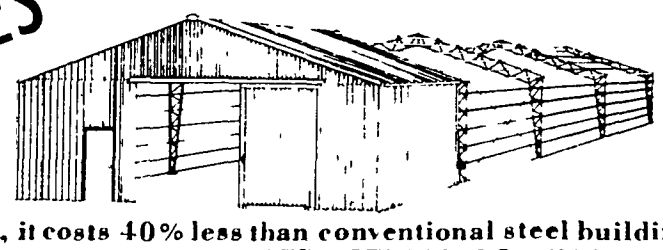
Red and White

NUMBER NAME OF BULL	RPD %	PD74 MILK	PD74 %	PD74 FAT	PD74 $$
2923 ROSTRAVER FARMS MISTER - RED..	29	+656	-.11	+8	+54
7322 HANOVER-HILL TRIPLE THREAT....	40	+174	+.02	+9	+24

Range of PD Milk	Number of sires					
	Ayrshire	Guernsey	Holstein	Jersey	Brown Swiss	Milking Shorthorn
+2000 and up	---	---	6	---	1	---
+1800 to +1999	---	---	6	3	---	---
+1600 to +1799	---	---	27	1	---	---
+1400 to +1599	---	2	61	9	2	3
+1200 to +1399	---	1	112	10	5	---
+1000 to +1199	2	6	146	17	5	1
+800 to +999	2	7	136	17	7	2
+600 to +799	5	10	122	20	12	2
+400 to +599	2	7	60	8	8	3
+200 to +399	2	4	27	3	2	1
0 to +199	3	1	6	1	1	---
-1 to -199	---	---	7	---	1	---
-200 to -399	---	1	3	---	---	---
-400 to -599	---	---	3	---	1	---
-600 to -799	---	---	1	---	---	---
-800 to -999	---	---	1	---	---	---
-1000 and below	---	---	1	---	---	---
TOTAL	16	39	725	89	45	12

Range of PD Dollars	Number of sires					
	Ayrshire	Guernsey	Holstein	Jersey	Brown Swiss	Milking Shorthorn
+200 and up	---	---	5	1	1	1
+180 to +199	---	1	18	4	---	1
+160 to +179	---	2	31	5	1	1
+140 to +159	---	3	65	11	3	---
+120 to +139	1	3	121	9	5	1
+100 to +119	1	7	147	21	7	2
+80 to +99	3	6	137	20	8	2
+60 to +79	5	5	96	11	8	2
+40 to +59	1	7	60	4	6	2
+20 to +39	4	4	27	2	3	---
0 to +19	1	---	5	1	2	---
-1 to -19	---	---	3	---	---	---
-20 to -39	---	---	3	---	---	---
-40 to -59	---	---	2	---	1	---
-60 to -79	---	1	4	---	---	---
-80 to -119	---	---	1	---	---	---
-120 to -139	---	---	---	---	---	---
TOTAL	16	39	725	89	45	12

YES this building costs 40% less!



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Charles Trout, Stewartstown, Pennsylvania (So. York County)
Side by side field comparison, 7" rows, good soils and rainfall
Asgrow A3860 = 56 3 bu/acre
Williams = 47 3 bu/acre
Berks County on Berks Shale, 40" rows, no rain 7/4 thru 7/29.
Asgrow A3860 = 42.1 bu/acre
Williams = 38.8 bu/acre

Harvey Krall, Annville, Pennsylvania
Lebanon County, 30" rows, on Hagerstown Loam
"I lost money by not planting all my acres in Asgrow soybeans I averaged 52 bushels per acre for all my beans, but while it took only 2 rounds to fill my combine with Asgrow soybeans, it took almost 3 rounds for Williams to fill the hopper"

Ken Gebhart, Hanover, Pennsylvania
Seeded in 7" rows on excellent soil.
"I had half my acreage in Asgrow, and the other half in Williams, Jacques, and Cutler One area of Asgrow ran as high as 70 bushels per acre I plan to go 100% Asgrow variety soybeans in 1980."

Dave Colson, Woodstown, New Jersey
"My early planted Asgrow A3860 averaged 52 bushels per acre; this is the best I've ever done I planted 1,650 acres to Asgrow soybeans in 1979"

Ivan Garrison, Elmer, New Jersey
"I had 232 acres in beans this season with 200 of them in Asgrow A3860. I had a 37 bushel per acre average after drying the beans. I'm pleased with this yield"

You could share in this kind of success with consistent performance soybeans from Asgrow

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Come Grow with Asgrow

Call in questions to political candidates

WASHINGTON, D.C. — "Campaign 80: what are the major farm issues?"

Farmers are invited to help answer this important question by participating in the nation's first "National Farm Issues Primary", being sponsored by the Agriculture Council of America.

This unique program features a special bank of 25 toll-free WATS lines that will be available to people anywhere in the continential U.S. on Wednesday, February 20th between 6 and 11 p.m. (Central Time). Anyone can participate by calling ACA's toll-free number (800/821-5401).

All the major presidential candidates from the Democratic and Republican parties have been invited to participate or be represented on the panel that will monitor the toll-free phones and speak directly with callers.

Each caller will be asked to respond to an "issues" questionnaire so that information can be systematically collected, tabulated and analyzed.

The "Primary" is being sponsored by ACA to explore how individual farmers, ranchers and farm-related businessmen view major issues in the 1980 campaign. The program kicks-off ACA's Annual Membership Meeting, being held at the Crown Center Hotel in Kansas City, Missouri, February 20-22nd.

"In light of recent international developments, agriculture issues now rank among the foremost on our national agenda", commented ACA chairman Chris Jouflas, a sheep rancher from Grand Junction, Colorado.

"We think it'll be extremely valuable to identify how farmers and ranchers – the people most directly affected by these developments – feel about these and other national issues."

Results of the call-in will be discussed at a special briefing scheduled for the morning of February 21st. All participating candidates will be given an opportunity to comment on the findings.

"We've used this same technique many times in the past and based on this experience and the strong current interest in farm issues – we expect to attract a very large public response", added Jouflas. "We hope as many presidential candidates as possible will join us in communicating directly with the American people through this unique medium."

As a private and non-partisan organization, ACA's role is to provide a forum for discussion; all views and opinions expressed will be strictly those of program participants. ACA emphasizes that all aspects of the program will be conducted with strict neutrality.

The basic technique being applied to the Primary has been pioneered by ACA in programs called the "Farm Line" and "Washington on the line". Their purpose is to bring top decision-makers and experts closer to the people affected by their decisions.

ACA has coordinated these programs on many occasions over the past six years involving prominent national leaders from the Administration, the U.S. Congress, and leading representatives of the news media. Grassroots response has been generated from every one of the 48 continential states.

ACA cautions callers that although 25 WATS lines will be in operation an extremely high level of public participation is expected. Anyone reaching a busy signal during the program is advised to wait for a short period of time before dialing again. People unable to complete their calls are encouraged to respond to a printed version of the questionnnaire by writing to: National Farm Issues Primary, Box 23421, Washington, D.C. 20024.

The Agriculture Council of America, formed in 1973, is made up of individual farmers and ranchers, farm and commodity organizations, and businesses serving the agricultural community. Its purpose is to communicate what modern agriculture contributes to a modern society.

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Boots and Saddles elects president

MANHEIM — Sue Evans was elected president of the Boots and Saddles 4-H club at their first 1980 meeting, held January 11. Sue also volunteered to represent the club at the 4-H County Council meetings held throughout the coming year.

Other officers elected were: Valerie High, vice-president, Sharon Snyder, treasurer, Gail Graver, secretary. New teen leaders were selected and parents were asked to lead several committees.

The club made plans for the new year, including more horse shows, and more gymkanas; speakers at meetings; money-making and community service projects. They will also have the annual awards banquet.

The next meeting will be held on February 8 from 7 30 - 9:30 p.m. in the Farm and Home Center building. New members and parents are welcome. For further information call 898-8955.

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Afternoon — Tractor Pull Competition
Morning — Draft Horse Show
Noon — Tack Sale
Afternoon — Draft Horse and Mule Sale
February 29
Morning— Swine Show
Afternoon — Horse Pull Competition — Lightweights (under 3,200 lbs)
Evening — Horse Pull Competition — Heavyweights (over 3,200 lbs)
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All Day — Swine Sale
For Further Information Contact The State Farm Show Office — 717-787-5373

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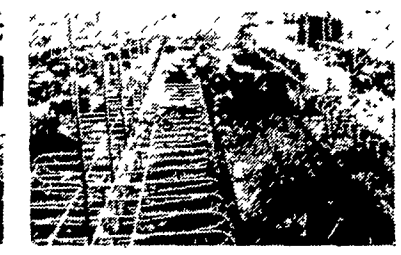

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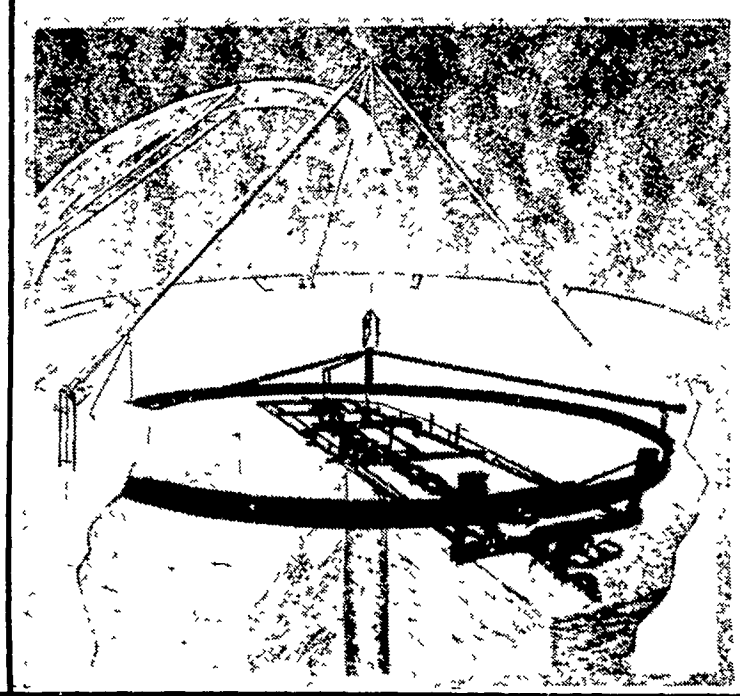

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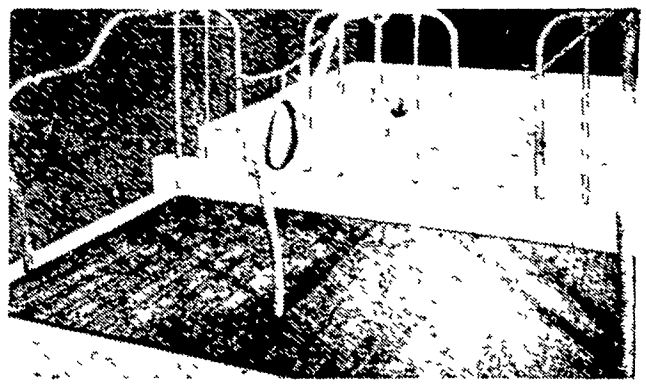

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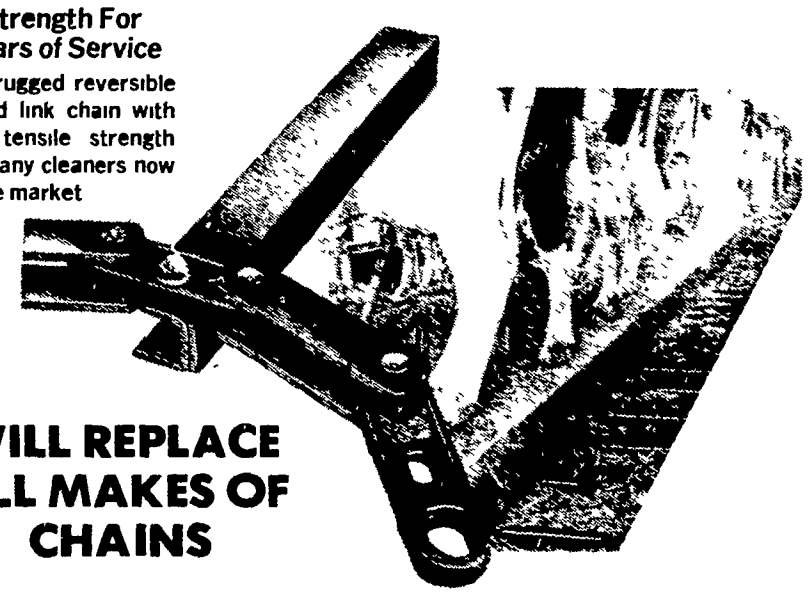

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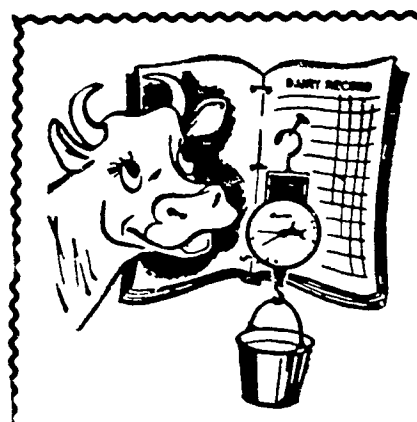

CUMBERLAND COUNTY DHIA Monthly Report

Cumberland County Dairy Herd Improvement records show that 4,982 5 cows in 80 herds were on production testing in December according to Duane G Duncan, County Agent

Of the 69 Herds on DHIA, 34 herds had an average fat production of 150 pounds per cow per day for the month During the month 76 completed their 305 day lactation with 600 lbs of butterfat

DHIA supervisors working with the dairymen to improve efficiency include Harold Boldosser, 130 Old Gap Road, Carlisle, Diane M Cain, R2, Box 121, Shippensburg, and Jay Zeigler, R1, Carlisle

The following are the highest of actual butterfat in 305 days or less in the county during the month The age listed is her age at the time of freshing

OWNER NAME OR NO.	BREED	AGE	LBS MILK	LBS. FAT
Sundays Vallilea Farms 54	RH	8	22,392	913
Paul Strock Almeda	RH	7	24,970	893
Chester Weaver Rocket	RH	5	24,733	876
Paul Strock Archie	RH	6	25,569	867
Ashcombe Dover Dairy 141	RH	7	24,984	856
J Shephard Wolf Andy	RH	6	18,340	837
Sundays Vallilea Farms 93	RH	3	23,681	820
Edward L Brackbill Cindy	RH	4	20 428	788
Chester C Weaver Agnes	RH	3	19,546	782
Ascombe Dover Dairy R 263	RH	4	19 601	778

HIGH DHIA SUMMARIES FOR DECEMBER

OWNER	BREED	NO COWS	% DAYS IN MILK	LBS MILK	% FAT	LBS FAT
Samuel D Shenk	B3	53	96	52 4	3 7	1 86
Mark A Naugle	3	49	89	48 4	3 9	1 87
Paul Strock	3	123	82	50 3	3 7	1 85
Elmer Gettle	B3	42	91	45 5	4 0	1 84
Sundays Vallilea Farms	B3	124	92	50 1	3 6	1 81
Thrush Bros	B3	102	92	47 4	3 8	1 79
D Clinton Sauder	B3	50	88	46 2	3 9	1 79
Norman Hertzler	3	41	86	47 3	3 7	1 76
Edward L Brackbill	B3	33	93	42 3	4 1	1 74
Freshair Dairy Farm	B3	55	89	48 0	3 6	1 73
Lee A Hoover, Jr	B3	31	85	47 3	3 6	1 68
D Lehman	3	81	85	42 0	4 0	1 66
Milk Way Farms	B3	160	82	45 6	3 6	1 65
J Shepard Wolf	3	46	81	45 1	3 7	1 65
Donald L Basehore	3	38	94	45 8	3 6	1 64
J B Brymesser & Sons	B3	203	87	42 4	3 9	1 64
Creedin C Cornman	3	35	86	40 3	4 1	1 64
John F Stoltzfus	B3	42	87	43 4	3 8	1 63
Charles L Nehf	3	44	90	46 7	3 4	1 60
J Douglas Martin	B3	98	91	43 1	3 7	1 59
L Louise Alexander	B3	32	85	43 0	3 7	1 59
John M Lippert	B3	43	83	41 7	3 8	1 58
K Hale & N Burkholder	3	48	82	41 9	3 7	1 57
Frank J Yost	3	56	91	39 7	3 9	1 56
Robert H Jamison	3	27	89	40 3	3 6	1 54
Chester C Weaver	B3	71	79	42 0	3 7	1 54
Ashcombe Dover Dairy	B3	269	82	41 9	3 7	1 54
David L Miller	B3	62	84	41 0	3 8	1 54
Nealy Brothers	B3	54	94	40 5	3 8	1 54
David S Miller	B3	23	89	45 5	3 4	1 53
Roy L & James Miller	B3	55	83	40 3	3 8	1 52
Merle & Sharon Dice	B3	38	90	38 2	4 0	1 52
Harry & Paul Hoch	3	85	92	39 3	3 8	1 51
Paul Basehore	B3	44	80	27 7	4 0	1 51

OWNER NAME OR NO.	AGE	LBS MILK	% FAT	LBS FAT
Norman Hertzler Bev	5	17 498	4 3	750
Donald L Basehore Princess	5	18 552	3 8	713
Twinkle	5	19,688	3 7	719
May	4	17 099	3 9	667
Sundays Vallilea Farms 430	8	16 411	3 7	614
54	8	22,392	4 1	913
135	5	17,845	3 4	605
36	4	21,896	3 2	698
93	3	23,681	3 5	820
14	4	20,392	3 7	750
55	3	17,069	3 9	662
Kruger Dairy Farm 1 Rose	7	16,570	4 1	683
J B Brymesser & Sons 26	8	19,120	4 0	764
125	6	22,466	3 3	751
154	5	21,042	3 0	629
207	4	20,332	3 0	600
David L Miller 11	10	18,957	3 9	735
Audrey	5	18,173	3 9	704
Thrush Brothers 46	8	18,050	4 1	744
47	4	18,619	3 3	611
14	3	18,244	4 1	740
Roy L & James Miller 41	11	20,483	3 6	731
15	6	18,312	4 0	730
E Lee Oiler & Son P S	6	19,214	3 6	693
Paul Strock Trixie	8	20,497	3 3	675
Almeda	7	24,970	3 6	893
Archie	6	25,569	3 4	867
Prilla	4	20,676	3 7	764
Edward L Brackbill Cindy	4	20,428	3 9	788
Merle & Sharon Dice 57	6	18,636	3 4	636
6	3	14,391	4 5	651
Alfred Gaisler Orchid	10	17,727	3 6	634
Hero	8	18,630	3 4	635
Astrid	3	18,611	3 5	657
Quey	3	23,411	3 3	781
Milk Way Farms 2	8	18,508	4 2	775
57	7	27,031	2 8	769
Elmer Gettle Specks	7	17,307	3 9	668
Judy	5	17,958	3 9	694
Rose	4	21,028	3 5	743
Rachel	2	16,321	4 2	687
Sue	2	16,726	3 9	652
Fred B McGillvray Bunny	7	15,314	3 9	603
Whittie	7	15 100	4 0	609
J Shephard Wolf Andy	6	18,340	4 6	837
Charles L Nehf Beebee	5	22,128	3 5	776
Frank J Yost Agnes	6	16 575	3 9	649
Her Joy Farms Jewel	6	17,527	3 5	609
Ashcombe Dover Dairy 141	7	24,984	3 4	856
R 263	4	19,601	4 0	778
John E Lapp Lisa	7	16 293	4 0	657
Martha	4	16 324	3 9	639
Gloria	3	19 244	3 8	732
Sylvia	2	15,115	4 2	640
Nancy	2	18,606	3 2	604
Chester C Weaver Robert	5	24,733	3 5	876
Agnes	3	19 546	4 0	782

(Turn to Page D11)

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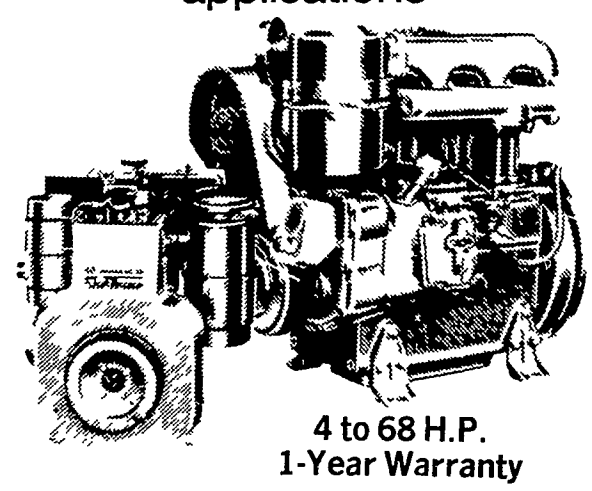

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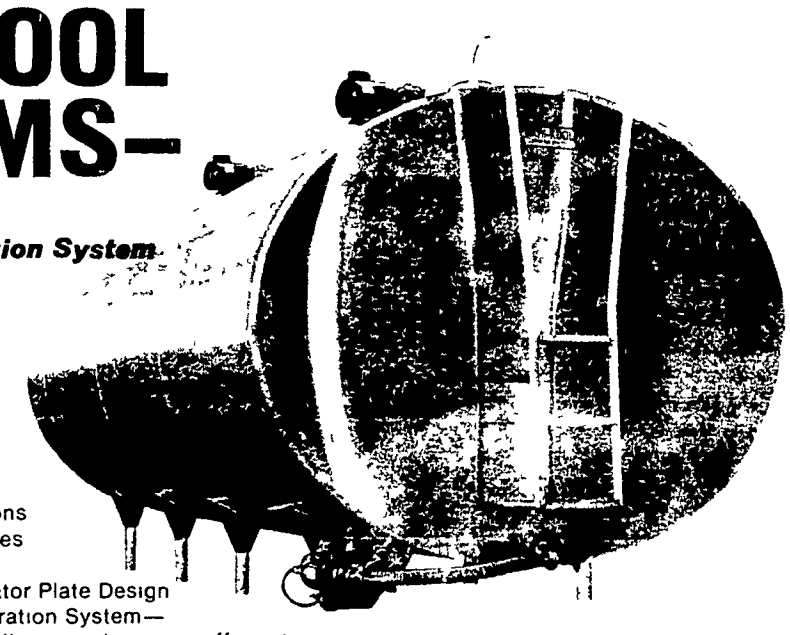

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717-263-0826 * USED TANKS AND MILKING EQUIPMENT

York County DHIA Monthly Report

December Report
York County DHIA

The high herd was Wayne B Mummert, East Berlin with 72, Holstein cows producing 50 7 lbs milk and 1 87 lbs B F Second high was Sinking Springs Farm, R22, York with 64 Holstein cows producing 47 9 lbs milk and 1 85 lbs B F

The high cow was Ellie a 4 year old Holstein from Lynn Wolf, Abbottstown who produced in 305 days 21,545 lbs milk and 8 58 lbs B F Second high was Honey a 3 year old Holstein owned by Leroy Bupp, Seven Valley who produced in 305 days 23,479 lbs milk and 8 55 lbs B F

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS FAT
Wayne B Mummert	B3	72 4	89 7	50 7	3 7	1 87
Sinking Spring Fm Inc	3	64 4	88 3	47 9	3 9	1 85
Lynn Wolf	B3	44 4	84 7	50 8	3 6	1 81
Carl Anderson	B3	41 0	94 5	50 8	3 6	1 81
Thomas A Boyer	3	35 0	84 7	48 5	3-7	1 79
Earl Fuhrman	B3	68 4	90 2	45 0	4 0	1 79
William Ruppert	B3	59 4	87 2	49 6	3 6	1 79
Elvin G Molison	B3	92 6	87 3	49 4	3 6	1 77
R R & M R Stewart	3	46 7	88 1	41 5	4 1	1 69
H E Fetrow & Sons	3	78 6	85 1	44 1	3 8	1 66
Beshore Farms	3	45 0	78 7	45 4	3 6	1 65
Rick L Cook	B3	81 6	85 8	43 3	3 8	1 64
Dale L Barshinger	B3	32 7	85 2	41 5	3 9	1 62
Fantom & Gordon	B3	56 2	90 9	37 8	4 3	1 61
McRal Dairy Farm	B3	114 3	86 2	45 4	3 5	1 60
Honeycrest Fm	B2	98 5	87 7	35 3	4 5	1 59
Beshore Farms	3	45 0	79 1	42 8	3 7	1 58
Leroy Bupp	3	57 9	83 1	41 2	3 8	1 57
Claude M Cooper	3	38 9	86 2	40 4	3 8	1 55
Vincent C Webb	?	67 0	92 9	37 9	4 1	1 54
Kenneth L Rexroth	B	102 6	83 6	42 0	3 6	1 53
Phillip D Laughman	3	?8	86 3	42 2	3 6	1 52
T Edwin Johnson	3	58 1	84 5	38 4	3 9	1 51
Fawn Valley Farm	B3	74 3	87 3	38 3	3 9	1 50
Adrian Rinehart	B3	97 2	84 0	38 9	3 8	1 49
Albert Dehoff	B3	130 8	87 8	40 6	3 6	1 48
Fred Kimmel	B3	23 6	83 3	33 7	4 4	1 47
John D Adams	B3	66 1	89 0	37 9	3 9	1 47
Robert W Mays	B3	70 6	81 7	38 8	3 7	1 45
Philip R Stambaugh	B3	49 0	92 0	37 6	3 8	1 43
Richard E Stough	B3	36 0	85 6	37 2	3 8	1 43
D L & C Druck	B3	82 8	80 5	37 8	3 8	1 43
Big T Holsteins	B3	26 0	89 7	36 7	3 9	1 43
Curtis V Thompson	B3	63 3	85 4	35 3	3 9	1 37
Kevin Holtzinger	B3	145 7	85 1	37 9	3 6	1 37
Roy & Rank Feeser	3	108 3	77 5	35 7	3 8	1 36

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS MILK	% FAT	LBS. FAT
Fawn Valley Farm						
Annie	3	6 0	305	16,902	4 0	684
K Otta	3	4-1	305	13,953	3 7	516
Mimi	3	4 6	305	13,614	3 8	523
Emory & Wm Kilgore						
43	8	6 8	279	13,497	3 9	529
22	3	3 8	305	16,615	4 0	663
Gum Tree Farms						
160	3	3 7	305	16,066	4 0	636
Curtis V Thompson						
P21	3	2 1	305	13,104	3 8	502
P29	3	2 11	295	13,265	4 1	543
Ellis Crowl						
B 71	3	3 9	305	18,392	3 1	567
R59	3	0-0	305	18,548	2 8	528
Sinking Spring Fm Inc						
Jem	3	4 11	305	16,560	4 5	750
Debra	3	2-3	305	17,014	4 0	687
Winona	3	2-3	305	18,440	3 8	693
Light	3	2-2	305	15,883	4 0	632
Margo	3	2-3	302	19,313	4 0	766
Beshore Farms						
Dee	3	7 1	305	19,528	3 4	662
Star	3	3 1	288	20,323	3 5	716
Nataline	3	2-2	305	19,671	2 9	574
Albert Dehoff						
121	3	5 3	305	20,179	3 8	766
173	3	4-1	305	14,730	3 7	546
209	3	3 1	305	13,039	4 3	563
Fred Sprenkle						
Hornet	3	4 10	246	12,731	4 4	558
Beep	3	4 3	305	17,582	3 6	631
Zip	3	3-7	267	13,870	4 0	560
Ada	3	3-2	305	17,328	3 3	569
Eugene M Kilgore						
Peg	3	6 4	305	17,497	3 6	635
Angie	3	4 2	305	13,073	4 1	542
Clara	2	3 0	283	10,796	4 9	528
Deb	2	3 3	305	10,650	4 7	504
Thomas A Boyer						
Star	3	5 8	305	19,447	3 9	760
Cupcake	3	1 11	305	16,233	4 1	666
Dawn	3	7-1	305	20,204	3 8	771
Earl Fuhrman						
Jody	3	7-2	305	14,933	4 0	599
Kim	3	7-7	305	20,966	3 6	757
Fran	3	6 11	284	11,899	4 8	572
Blossom	3	3 6	305	18,020	3 5	631
Vincent C Webb						
183	3	6 6	305	17,238	3 2	551
Roy & Frank Feeser						
Jody	3	8 5	305	18,779	3 6	675
Boots	3	8-4	305	16,346	3 5	573
Carla	3	7 0	305	23,105	2 9	677
Agnes	3	5 11	275	16,440	3 9	649
Flossie	3	5-2	300	19,299	2 8	535
Tiffia	3	5-3	305	13,396	3 9	516
80	3	4 4	298	15,976	3 5	554
Alta	3	2 3	296	12,331	4 5	556
Linda	3	2 2	305	14,326	3 5	505
H E Fetrow & Sons						
Rose	3	7 0	303	15,059	4 1	617
Tidy	3	5 1	303	18,771	3 9	731
Quette	3	4-6	305	26,168	3 0	792
Senora	3	5 8	305	23,134	3 7	855
Lulu	3	3 6	305	19,809	3 6	708
Maid	3	3-8	301	17,021	3 3	569
Vickie	3	2 6	305	15,897	3 8	597
Joy	3	3-1	305	15,917	4 1	649
Gill	3	2 6	305	20,174	3 2	647
J H & M B Hushon						
115 H	3	4 1	305	14,157	4 0	569
Adrian Rinehart						
55	3	6 6	305	15,473	4 2	657
73	3	6-7	290	18,698	3 8	712
R R & M R Stewart						
Loriel	3	4-3	305	18,778	4 5	842
Joyce	3	2 5	305	15,853	3 4	541
Taffy	3	2-7	305	16,117	3 4	542
Zoe	3	2 3	305	14,581	4 4	646
T Edwin Johnson						
Margot	3	4-1	305	19,242	3 4	659
Dally	3	4-9	305	19,826	4 0	791

(Turn to Page D12)

Cumberland Co. DHIA

(Continued from Page D10)

Samuel D Shenk				
Debbie	5	22,158	3 2	701
Phyllis	5	21,798	3 2	697
Robert H Jamison				
Judy	6	20,896	3 2	674
Mark E Leinaweaver				
Betty	4	19,563	3 3	652
Oscar Nealy & Sons				
16	3	17,411	4 0	690
Harold E Weaver, Jr				
41	7	17,667	3 9	691
Nelson D Horst				
25	4	17,205	4 0	691
44	6	17,406	3 5	609
L Louise Alexander				
Bozo	2	20,610	3 3	683
Glenn W Myers				
Jean	7	19,244	3 2	623
Nealy Brothers				
2	7	24,807	3 0	753
92	3	20,255	3 4	685
99	4	21,421	3 0	639
Fred & Chris McGillvray				
27	4	18,890	3 8	714
John F Stoltzfus				
Esther	4	16,415	3 8	621
Mains Acres				
38	6	17,949	4 0	716
6	4	16,864	3 6	605
174	4	17,365	4 0	697
61	3	14,720	4 2	616

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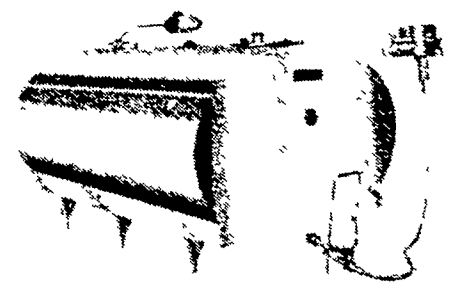

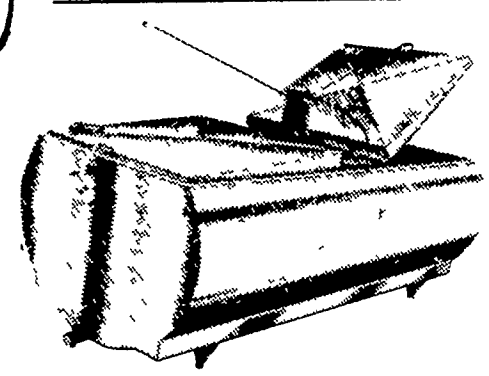

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24 HOUR SERVICE

York Co. DHIA

(Continued from Page D11)

Leroy Bupp						
Patsy	3	7-0	278	15,130	3 5	522
Honey	3	3-6	305	23,479	3 6	855
Sam	3	2-1	305	15,172	3 8	581
Dennis L McWilliams						
110	3	4-5	301	15,527	3 7	580
Palmer McWilhams Jr						
1	3	5-8	305	16,576	3 8	632
Phillip D Laughman						
Creeper	3	3-11	305	24,380	3 2	786
Philip R Stambaugh						
Hetty	3	8-6	305	14,803	3 4	501
Wayne B Mummert						
11	3	5-1	248	14,423	4 0	579
28	3	4-1	297	17,014	4 1	695
43	3	4 1	248	16,206	3 4	553
23	3	1-11	305	16,037	4 2	680
24	3	2-0	289	14,561	4 0	583
D Fantom & E Gordon						
Light	3	6-11	305	19,007	3 8	726
Dutches	5	6-3	305	11,691	4 3	505
Daisy	3	3-1	305	15,946	3 8	601
Fawn	5	3-5	305	12,775	4 3	545
Lynn Wolf						
Sonya	3	5 6	305	19,772	2 8	563
Ellie	3	4-4	305	21,545	4 0	858
Robert J Reheard						
Tilly	3	4-3	305	18,338	3 7	676
Pie	3	3-0	305	13,086	4 1	540
Horace E Heindel						
23	3	7-11	305	14,577	3 6	530
180	3	5 6	299	15,852	4 0	629
112	3	4-2	305	20,189	3 3	669
36 A	3	3 2	305	18,637	3 4	642
26 A	3	3 6	299	19,248	2 6	510
95 A	3	2-0	305	13,878	3 7	520
Carl Anderson						
21	3	9-3	305	17,068	3 6	609
Steven & Beth Staner						
Azalea	2	4 11	302	10,975	4 7	518
Elvin R Deiter						
Monica	3	4-10	305	15,581	3 7	583
Nancy	3	3-9	305	16,376	3 6	593
Nipper	3	3-7	305	16,051	3 1	502
Charles Herr & Son						
Rocket	3	8-1	305	16,589	3 6	601
Tilly	3	6-10	305	19,135	3 6	681
Little Creek Fms Inc						
5	3	12 8	277	14,352	3 5	504
151	3	8 10	305	16,515	3 8	629
6	3	6 4	277	17,472	3 3	583
94	3	6 0	297	16,511	3 7	609
108	3	4 3	260	15,818	3 3	528
121	3	4 4	274	14,701	3 6	525
83	3	4 10	305	14,778	3 6	525
103	3	4 6	305	16 147	3 4	552
150	3	4 2	236	13,707	3 8	518
29	3	3 7	305	16,083	3 6	575
101	3	3 5	305	14,940	3 8	567
69	3	3 7	305	16,060	3 1	505
25	3	3 3	305	14,274	3 6	508
21	3	2 11	295	14,078	4 3	603
7	3	2-1	305	13,848	3 7	513
156	3	5 3	305	16,601	3 3	546
96	3	2-4	290	12,480	4 1	506
Wayne L Sweitzer						
Noah	3	3 7	305	16,708	3 4	565
Kenneth L Rexroth						
83	3	7-3	305	17,156	4 1	708
32	3	8 5	305	15,663	3 7	582
62	3	7-5	282	14,819	4 0	589
114A	3	2-3	305	15,289	3 6	555
Donald Wilson						
44	8	4 2	305	12,383	4 5	559
Rick L Cook						
Banner	3	7-10	305	16,459	4 0	664
Bupplynn Farms Farm #2						
22	3	4 0	305	15,901	4 2	661
Spot	3	3 7	274	15,911	3 4	542
Elvin G Molison						
19	3	6 8	305	19,188	4 4	839
93	3	3-7	292	20,946	3 7	776
44	3	3 3	288	16,239	3 4	545
Claude M Cooper						
84	3	1-10	305	12,586	4 0	505
Honeycrest Fm						
Tomandy	2	2-0	305	13,179	4 3	567
Ralph L Innerst						
4	3	7-7	305	15,168	3 6	547
Laverne & Judith Hess						
33	3	4-10	305	13,171	4 2	554
38	3	7-4	305	16,073	3 8	616
Edwin L Calhoun						
24	3	7 3	305	16,904	3 4	582
Eugene B Taylor						
Wanda	3	4-10	305	16,090	3 3	524
Robert W Mays						
44	3	5 11	305	17,570	3 4	601
12	3	6 1	291	14,879	4 1	609
8	3	2-5	305	20,232	2 9	579
56	3	2 2	305	17,730	3 1	552
6	3	2-2	305	14,700	3 8	562
26	3	2-4	305	15,726	3 4	534
McRal Dairy Farm						
334	3	5-9	305	21,063	3 1	658
395	3	4-0	305	20,905	3 2	665
William Ruppert						
Laura	3	10-3	238	16,899	3 3	566
Brownie	5	7-6	305	15,125	4 3	643
Bones	3	5-9	305	16,856	3 1	516

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Tests showed that, on the average, this product will save hog producers $600.00 for every 500 hogs fed from 75 pounds to market, according to the manufacturer.

•••

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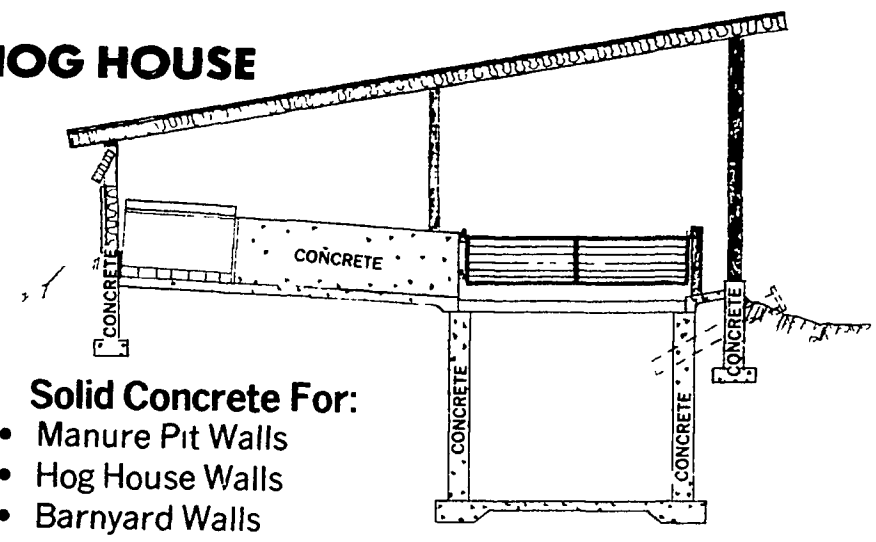

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Senate agriculture leader proposes embargo relief

WASHINGTON, D.C. — Senator Herman E. Talmadge, chairman of the Senate Committee on Agriculture, Nutrition, and Forestry, announced Friday he is considering the introdution of a seven-point legislative package in the new Congress to help ease the impact of the Russian grain embargo on U.S. farmers.

Talmadge said he is considering legislative action because of his concern that steps taken by the Carter Administration are "insufficient to protect the American farmer from the adverse effect" of the President's suspension of grain and other agricultural trade with the Soviet Union.

The Talmadge legislation would include extension of price support loan and grain reserve coverage to 1979-crop corn grown outside the feed grain program and authority to allow the Secretary of Agriculture to establish a "set-aside" to reduce 1980 corn plantings.

His plan also includes a proposal to allow the sale of government-held corn stocks for gasohol produced by new facilities at current price support loan levels, rather than at 50 percent above the loan as the law now requires.

"This change in the law would be a great incentive in getting many new alcohol production facilities quickly built and producing much needed alternative energy supplies," he said.

Talmadge outlined his legislative package in detail in a letter to Agriculture Secretary Bob Bergland in advance of Bergland's scheduled appearance before Talmadge's Agriculture Committee at a special meeting on the opening day of the new Congress next Tuesday.

Talmadge said he would decide whether to push for new farm legislation after Tuesday's session with Bergland.

The Georgia Senator commended the Administration for steps announced to bolster farm prices in the wake of the Russian grain cutoff. But he made it clear that these actions do not go far enough.

Specificially, the Talmadge package includes:

Amendment of the 1977 farm bill to permit (a) price support loans on 1979-crop corn to producers who did not participate in the 1979 program and (b) participation by such producers in the farmer-owned reserve (about 80 percent of the corn acreage was planted outside the program in 1979);

Amendment of the 1977 farm bill to permit CCC stocks of corn to be sold at the current loan rate ($2.10 per bushel) if used for making gasohol produced by new facilities (under existing law, the minimum resale price is now $3.15 per bushel);

Amendment of the 1977 farm bill to permit the making of price support loans on 1979-crop soybeans to producers who did not comply with the normal crop acreage requirement. Under present regulations, 1979 soybean producers were required to reduce their normal plantings by the 10 percent feed grain set-aside in order to qualify for price support on soybeans;

Passage of the Administration bill introduced last year by Senator Talmadge authorizing a food security reserve of wheat (the Administration is now using CCC authority to buy up excess wheat but will need the legislation to actually establish the reserve);

Amendment of the 1977 farm bill to increase from $50,000 to $100,000 the maximum loan CCC may make to producers for on-farm storage facilities;

A one-year extension of the economic emergency loan program to farmers who are damaged by economic stresses that was authorized in the Agricultural Credit Act of 1978 (the program authority expires May 15, 1980.

Amendment of the 1977 farm bill to permit the Secretary to proclaim a set-aside for the 1980 crop of corn and other feed grains.

Pa. Young Farmers hold convention

EPHRATA — The 20th Annual Pennsylvania Young Farmer's Association State Convention will be held at the Sheraton Inn, Gettysburg, PA., February 6 and 7, 1980.

This year's convention theme is "Farmer's—The Heartbeat of America".

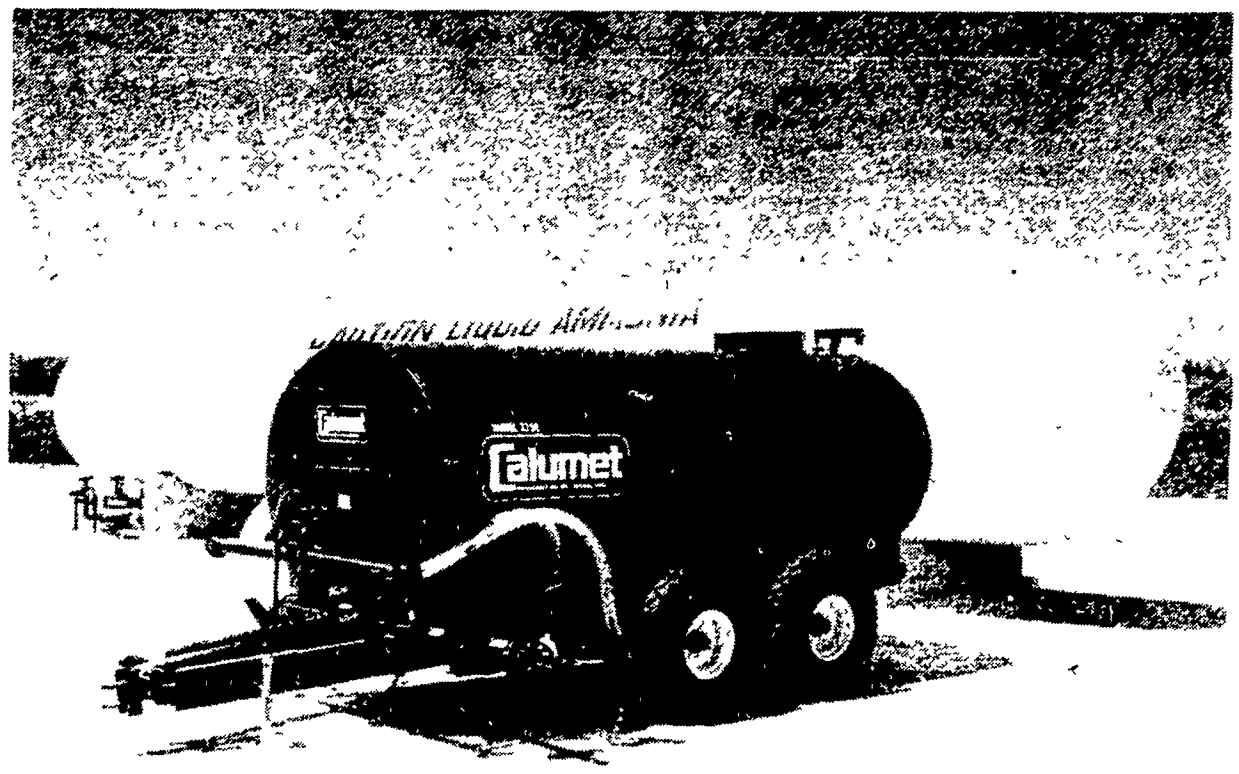
Two tours have been added to this years convention. Mason-Dixon Farms owned by the Waybright family and members of the Gettysburg Young Farmers, will be hosts on one tour of 600 milk cows, 2200 acres of hay and crops and produces their own electric power from methane gas.

The second tour is the world famous Gettysburg Battlefield Tour. Mr. George Glenn will be your tour guide.

Karl Kettering of Radio station WBYO will be guest speaker for the opening banquet, Wednesday, February 6.

Educational workshops will be offered on Thursday afternoon, February 7. Ladies programs will be Thursday morning and afternoon.

Ag displays in the Golden Spur Room, Public speaking contests, Awards and door prizes will round out the Convention program.



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Take full advantage of this liquid gold with a Calumet liquid manure spreader teamed with a 4-shank soil injector Injecting can help retain four times the nitrogen that's usually lost with surface spreading—in addition to reducing odor and run-off problems

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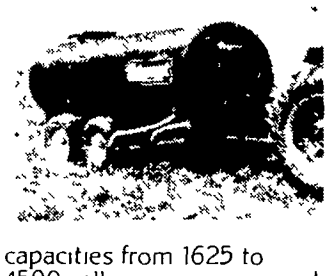

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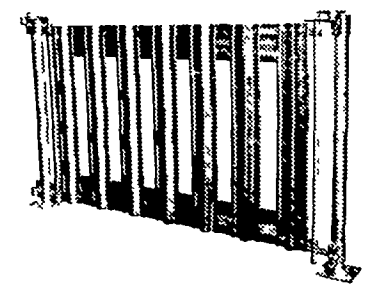

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Schuylkill County DHIA Monthly Report

SCHUYLKILL HAVEN — Ten year old Sugar, of the Miller and Rex, Inc herd, was the cream of the crop during her 305 day lacation record for Schuylkill County's DHIA This cow led the county with 928 pounds of fat and 23,078 pounds of milk

Mollie, a six year old in the William R Daubert herd, turned in a record that ranked second in the county She milked 21,370 pounds with 873 pounds fat

Out of the forty-nine cows completing lactation records of over 600 pounds milkfat, one beat the 900 pound level, eight were over 800 pounds, fourteen gave over 700 pounds, and, 27 made over 600 pounds fat

Miller & Rex, Inc were the high herd in pounds of milkfat per cow per day with 2 07 pounds for their 35 4 cows on test

The following herds are reported from the IBM report for December 1979 A total of 860 cows were tested Only herds averaging 1 4 lbs of milkfat per cow per day or over, and on an official program are reported The report on individual cows includes only those reported and producing over 600 lbs of milkfat

OWNERS	NO COWS	LBS MILK	LBS FAT
Miller & Rex, Inc	35 4	49 4	2 07
Suntrail Dairy Farm	52 2	48 3	1 85
William R Daubert	81 5	39 9	1 75
Wilbert Moyer	37 8	44 9	1 72
Carl & Dale Heisler	62 8	47 4	1 70
Emmett W Rhein	75 4	34 0	1 62
Martin L Daubert	32 0	35 3	1 57
John P Leatherman	51 6	41 6	1 56
Bruce Leatherman	67 9	45 1	1 52
Paul Heisler	50 4	39 2	1 51
Lester D Moyer	31 6	37 9	1 49
Elam Z Stoltzfus	37 1	39 4	1 48
Henry J Reiner	18 3	35 6	1 43

OWNER NAME OR NO.	AGE	LBS. MILK	LBS. FAT
Miller & Rex, Inc			
Sugar	10 5	23,078	928
Belle	4-10	19,813	682
William R Daubert			
Mollie	6-4	21,370	873
Polly	7-3	22,360	829
Becky	8 10	19,177	777
Leona	7-0	17,051	763
Happy	4-1	16,706	734
Jolene	4 5	19,516	712
Queette	4 4	18,939	711
Lucy	5-0	16,257	700
Roxie	4 9	19,085	670
Carl & Dale Heisler			
10	3-11	17,942	868
21	3 3	23,078	789
72	6-4	15,630	692
65	7-2	13,673	676
26	3 1	19,204	606
Henry J Reiner			
Patsy	8-7	21,282	855
Doris	6-4	21,904	753
Ginger	5 9	21,412	654
Elam Z Stoltzfus			
49	5 0	21,932	834
Freda	3 1	14,594	636
John P Leatherman			
Melle	7-7	25,930	826
Wilbert Moyer			
Jubilee	5 5	20,731	804
Kelly	6 4	19,619	753
Greta	4 4	18,882	697
Millie	6 3	16,931	608
Bruce Leatherman			
Black	5 3	20,314	800
14	8 3	23,008	768
Stacy	1-11	17,523	685
Suntrail Dairy Farm			
Peg	4 9	23,214	767
Arlene	6-4	18,438	708
Agnes	6-1	18,038	691
Elsie	3 0	15,172	683
Molly	2-0	18,684	643
San	2 0	16,304	612
Marlin L Lesher			
Julie	5 2	17,572	730
Emmett W Rhein			
Nedra	7-7	16,363	702
Norma	5-11	13,521	630
Martin L Daubert			
Sleet	5-0	14,863	679

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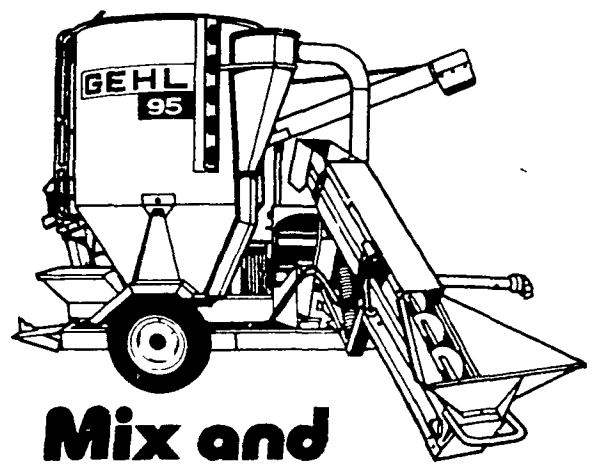

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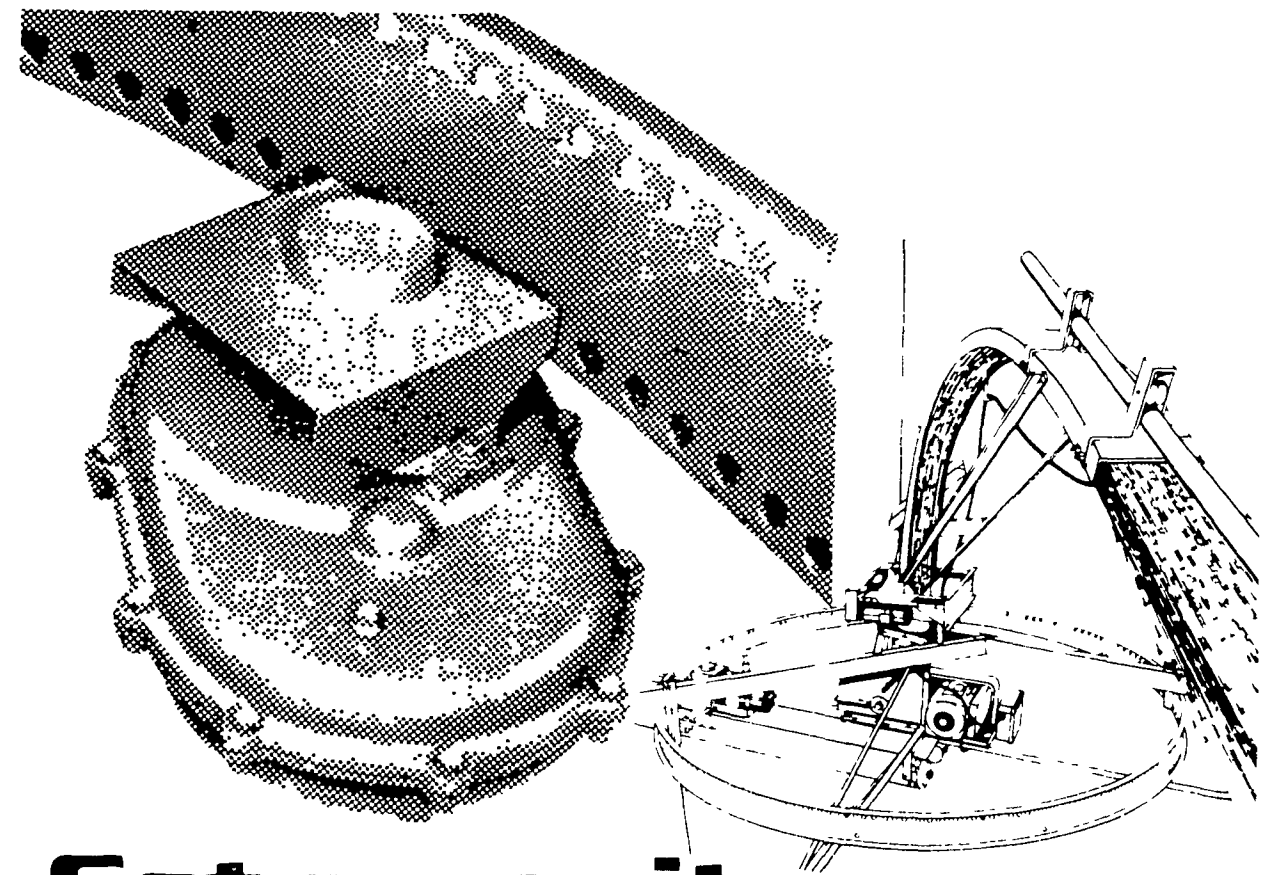

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Schulykill Co. DHIA

(Continued from Page D14)

Paul Heisler			
Adobe	5 5	17,418	656
Lester D Moyer			
Kitten	6 8	15,598	653
Hetty	5 5	17,630	651
Krissy	4-2	14,948	648
Katie	6 4	15,801	634
Lady	9 5	14,849	632
Amy	10 4	15,347	607
Kurtz Dairy Farm			
Lorrain	4-8	16,858	631
Raymond Reichwein			
Nellie	3 11	16,500	630
Tara	6 1	16,579	628
Blacky	3 5	11 719	605

American Dairy Association gives award

ROSEMONT, Ill. — American Dairy Association (ADA) presented 19 Dairy Management Awards in 1979.

The award was created last spring to honor grocers for high levels of participation in ADA's Dairy Department Managements Workshops program and for successful implementation of program principles in their stores.

In the workshops, store personnel and company management learn how to become more effective merchandisers of dairy products. The program consists of one-day seminars covering management principles, display techniques, dairy product knowledge and equipment operation and maintenance.

Awards were presented to grocers' representatives by ADA's dairy marketing consultants, who teach the management seminars.

The consultants and their areas are: Wayne Churchill, Central; Ted Cook, Southeast; Alfred Devine, New York and New Jersey; Harmen Greenwood, Southwest; Ralph L. Lindsey, Jr., Southeast; Harold Peterson, West; Jim Shanley, New England and Mid-Atlantic; and Gerald Sotebeer, North Central.

ADA is the advertising and marketing arm of United Dairy Industry Association, a national organization that conducts a total promotion program for milk and dairy products.

It is concerned with dairy department sales because 75 percent of all dairy products are sold from store cases. Studies by ADA and others have shown that when ADA's management principles are used in the dairy department, its sale increase between 15 and 35 percent.

In Pennsylvania, The Great Atlantic & Pacific Tea Company, Inc. (A & P) received the management award.

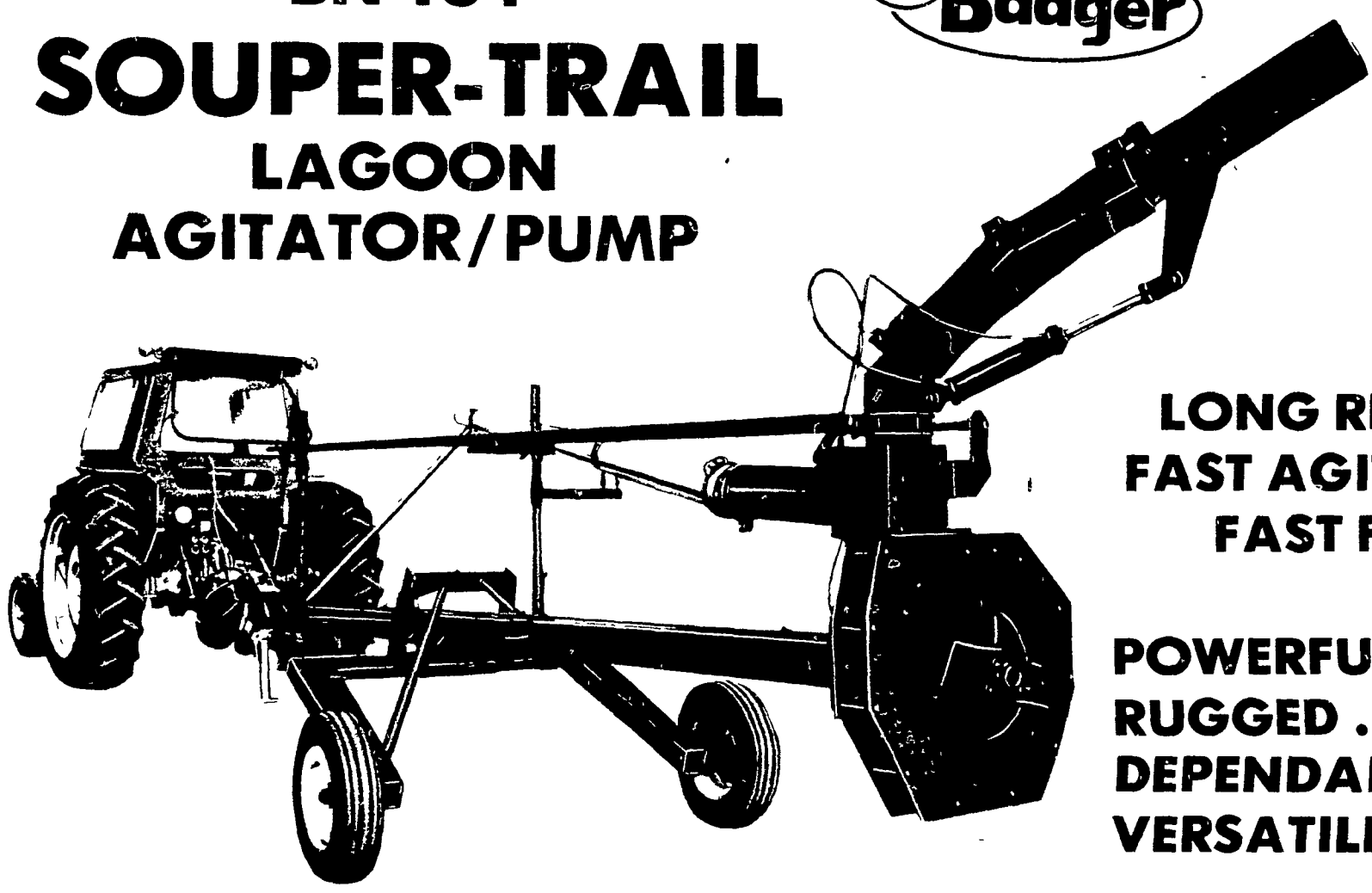
BN 184

SOUPER-TRAIL

LAGOON

AGITATOR/PUMP

Badger



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The Badger SOUPER-TRAIL Agitator/Pump agitates and pumps from open lagoons...quickly and efficiently. No dock is necessary. It is simple. Powerful. Rugged. Versatile. Easy to operate. Easy to maneuver. Easy to transport.

The Badger SOUPER-TRAIL Agitator/Pump is designed for use in open lagoons without docks or ramps...or lagoons where ramps or docks are not properly located to permit complete agitation. The SOUPER-TRAIL is easy to position and can be used in any depth lagoon. It's twenty-four feet long...long enough to reach out beyond sloped sidewalls and deep into your lagoon. The impeller and housing can be hydraulically raised or lowered, permitting easy backing and positioning over lagoon banks and sidewalls, and allowing unit to agitate nearer to crusted surface.

BADGER SOUPER-TRAIL FEATURES

- Sealed drive-shaft bearings; oil bath bearings for the impeller shaft.
- 15" or 24" impeller. Can be removed without removing drive shaft.
- Minimum 110 HP tractor, with 1000 RPM.
- Capacity of approximately 2800 gallons per minute.

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Sweet outlook for National Pork Producers in 1980

DES MOINES, Ia. — The National Pork Producers Council has taken a bold step forward in the world of producer organizations.

The 97,500 member Council moves into the eighties with its focus beamed in one direction–to solve problems efficiently for profitable pork production, and to undertake problem solving with a strategy that would rival that of the best of battle plans.

The goal? Providing better services for pork producers on both the state and national levels.

"Pork producers of the eighties have before them, new challenges and increasing needs to be met by a responsible, growing Council," says Orville K. Sweet, NPPC's executive vice president and the man on the front line.

"Our membership, through its Planning and Resolutions Committee, has established our priorities for the decade ahead. Product promotion is a responsibility that will require the resources of the total industry with the Council as a catalyst in motivating the promotional effort.

"Pork producers of today also find themselves suddenly thrust into the world of governmental issues beset with regulations, legislation and growing consumer concern over their food, how it's produced and what's in it. The producer must face the professionals in today's consumer activism.

"Consequently," Sweet continues, "funding has become another of our up-front priorities as the responsibilities grow both for states and the National Council. As we brace for our problems and view our potentials, we find a need for membership growth and leadership development at all levels, within the local and state pork producer organizations and within the Council itself.

Leadership training and motivation are tools of necessity. So, too, is professionalism that must guide and implement from within, the producer-directed programs and activities, on behalf of the membership."

"Our over-all program has become a vehicle designed to take us from where we are today, to where we want to be," Sweet explains.

"We're identifying jobs, setting goals and developing the ways and means to attain these goals. This means going through what might be considered a form of evolution, a process of cell division.

"We're taking talented professional staff people and arranging and assigning them in strategic locations within the Council with programs of work they've designed to accomplish the goals set.

"These NPPC management groups will include those in administration, information, public affairs and special activities.

"The new staff additions of the past year, in governmental affairs, nutrition, special events and Council coordination, bolster the Council's already existing departments of promotion, consumer relations, education-research, state council affairs, finance and communication.

"Packaged as it is, the National Pork Producers Council will be adaptable to change, responsive to its membership needs and industry challenges," Sweet concluded.

"The Council has been, and will be, a means of progress for profitable pork producers for the nation's pork producers."

Ask the VMD

Leon Riegel — Tim Trayer — Edgar Sheaffer

Last week a reader asked for information about cattle worming, what to look for in a medication, best method to administer the wormer, and how to know if cattle are infested.

Dr. Sheaffer addressed these questions in part one of his column, Are parasites bugging my cows?

This week, Dr Sheaffer will address the topic of what kind of parasites normally affect cattle in part two of,

Are parasites bugging my cows?

Dr. Sheaffer comments: Let's divide the internal parasites of cattle into two major categories: those in the stomach and those in the intestinal tract, both small and large intestines.

Three species primarily live in the stomach, or abomasum, of cattle.

–haemonchus or large stomach worm, commonly called barber-pole or wire worm.

–ostertagia, medium stomach or brown stomach worm

–trichostrongylus, small stomach or bankrupt worm

The most common signs of stomach worm infestations are anemia, diarrhea, weight loss, rough hair coat, and submandibular edema, commonly called bottle jaw Heavy infestations can cause death before any other signs are noticed

In osteragia infections, the parasites can either enter into a stage of the life cycle where they are hidden in the gastric mucosal folds and are not killed by worming medications

Cattle with severe stomach worm problems should be treated every three to four weaks until fecal egg counts are negative

The following is a list of the seven major species of cattle internal parasites in the small and large intestine:

–cattle hookworm, up to three-quarters of an inch long, avid bloodsuckers. These worms cause anemia, bottle jaw, and may cause other signs similar to those caused by stomach worms.

–strongyloides, very small, cause poor growth, weakness and diarrhea in calves. Cattle will develp some resistance as they mature

–nematodirus, cause loss of weight, loss of appetite and diarrhea in young growing cattle Adults also may be affected.

–moniezia, or tapeworms, cause diarrhea and other digestive problems in young calves.

–trichuris, or whipworms, live in the cecum (part of the large intestine). It is believed that cattle whipworms do not cause any severe disease, but may affect growth and production.

–noeascaris, ascarids or large roundworms, mainly a problem in very young calves.

–oesophagostomum, or noduler worm, about one-half of an inch long, live in the cecum and large intestine. The worm gets its name because the immature form burrows holes in the intestinal mucosa producing thickened nodules and loss of normal functions.

This is only a partial list of the internal parasites in cattle One particular medication is effective for only certain species of worms.

Have your veterinarian, or nearest laboratory, perform fecal exams and follow professional advice. Again, be sure to carefully read and follow directions before administering any worming medication

If you have a question you would like to have answered by the team of doctors at Valley Animal Hospital, sent it to Ask the VMD, Box 366, Lititz, PA 17543.

Meat Board backs Beeferendum

CHICAGO, Il — There are a number of groups that would like to see a greatly weakened beef industry, according to Meat Board President David Stroud in a recent statement to the beef industry press.

"At the top of the list are food activists who are fundamentally opposed to animal-source foods of all types, especially beef These activists, often highly organized, are promoting their concept of a 'healthy' diet to a staggeringly large audience," he said

Stroud urged producer participation in the upcoming Beeferendum, which he feels is a reponse to the changing needs of the beef industry

"Unless the beef business pulls together and brings the facts to students, health care professionals, the news media and consumers of all types, we may see the day when beef is replaced as American's favorite food."

Voting for Beeferendum will be held February 19-22 at county Agricultural Stabilization and Conservation Service offices Registration is scheduled until February 6

PENNSYLVANIA AGRICULTURE

WE'RE GROWING BETTER

Cedar Crest FFA takes top honors

FREDERICKSBURG — Ten members of the Cedar Crest FFA brought home top honors from the County project book contest held at Lebanon County Vo-Tech School. Project books are records of the FFA members' supervised occupational experience program. They are judged on amount of money earned, neatness and accuracy.

Winners are as follows: Steve Wenger, first place, blue ribbon, capon project; Rick Wolfe, first blue, soybean project; Bob Bomberger, first blue, dairy calf; Ron Copenhaver, second bue, swine finishing; Christopher Patches, second blue, beef finishing; Mark Patches, third blue, two enterprises; John Kline, second red ribbon, off-farm work experience; Dale Zuck, sixth red, swine finishing; Harold Weik, seventh white ribbon, garden project.

The first and second place winners and all blue ribbon winners will participate in the state project book contest.

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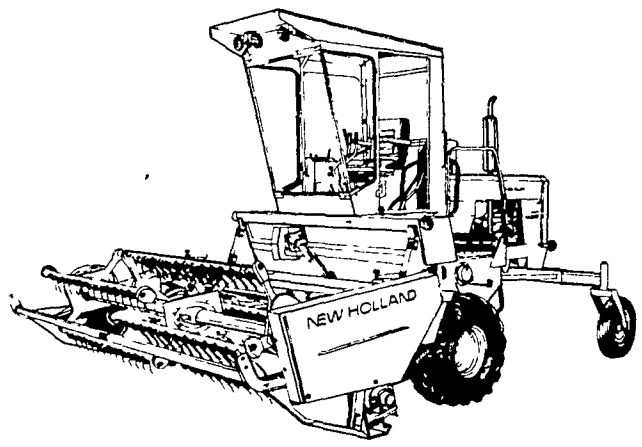

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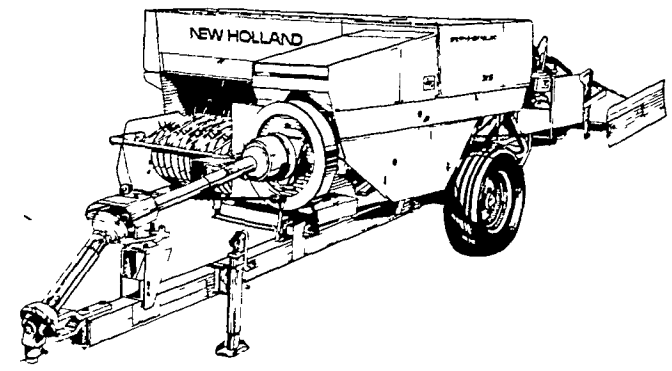

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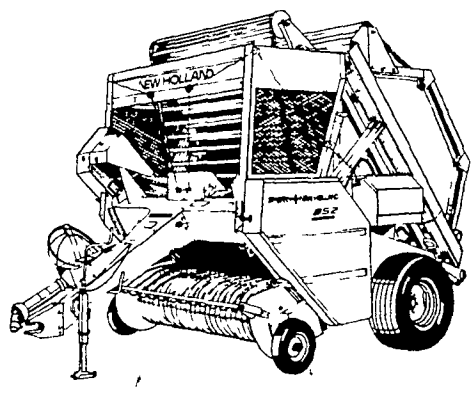

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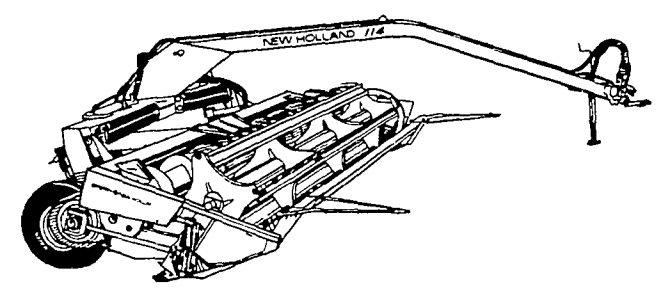

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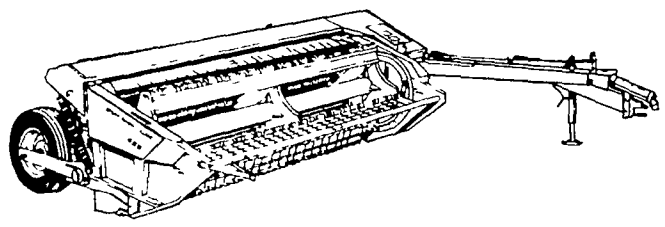

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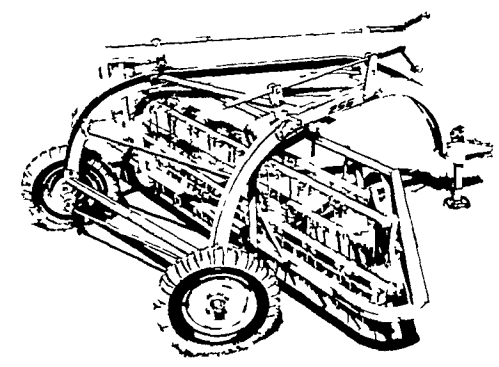

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SPERRY NEW HOLLAND

National board recommends ag transportation policy

WASHINGTON, D.C. — A rural transportation task force Wednesday proposed major changes in the "rules of the road" for railroads and ag truckers doing business in the United States.

The Rural Transportation Advisory Task Force, a joint team co-chaired by Agriculture Secretary Bob Bergland and Transportation Secretary Neil Goldschmidt, recommends:

Incentives to encourage states to increase truckload limits to 80,000 pounds and length limits to 65 feet on interstate and other major highways, along with incentives to states trying to resolve varying state regulations.

Regulatory reforms to permit railroads and shippers to enter into negotiated or regulated contracts.

Use of long-term loans to finance rail rehabilitation on lines serving ports.

Immediate acquisition by railroads of a demonstration, free-running fleet of 500 fifty-foot, wide-door, general-purpose boxcars and 500 covered hopper cars to augment the railroads' individually-owned car fleets.

Continuation of federal financial assistance for railroad branchline rehabilitation projects.

That the Interstate Commerce Commission, Department of Transportation, and Department of Agriculture monitor the effectiveness of the task force's recommendations and write a report to Congress each year.

That the federal government take more responsibility for interstates and other major highways, thereby releasing more state funds for the maintenance and upgrading of non-major highways.

That the secretary of agriculture be given authority to develop and regulate standard contracts of haul for trucking fresh fruits and vegetables. Loading and unloading responsibilities would be imposed on shippers and receivers.

In the area of waterway service impediments, the task force recommends replacement of Locks and Dam 26 on the upper Mississippi River with two locks.

"The recommendations are part of the final report by the task force, which deliberated ten months to establish the policy," said P.R. Smith, assistant secretary of agriculture for marketing and transportation.

Smith said the report defines agriculture's transportation needs and suggests solutions to problems, based on public hearings the task force conducted during 1979. Discussions focused on railcar shortages, rail branchline abandonments, several highway and waterway bottlenecks, and problems between shippers and carriers.

"The task force set forth guidelines for an adequate railroad transportation system, including changes in federal regulation of railroads," Smith said.

Congress formed the task force, he said, in response to agriculture's special transportation needs. Members were from agricultural and transportation organizations as well as from the academic community.

Sheep, lambs on feed up 3 percent

WASHINGTON, D.C. — On January 1, 1980 an estimated 1.62 million sheep and lambs were on feed for the slaughter market in 24 States, three percent more than a year earlier but virtually the same as the January 1, 1978 level.

The seven major feeding States had 993 thousand sheep and lambs on feed January 1, two percent less than a year earlier.

Of this total, 568 thousand were placed on feed before November 1 and 425 thousand placed on feed during November and December. Feeders in the seven major States marketed 465 thousand sheep and lambs during November and December 1979.

Marketings for the two months were 20 percent below the like period in 1978.

Of the total number on feed January 1, 1980, in the seven States 5 percent weighed less than 70 pounds; 11 percent weighed 70-79 pounds; 23 percent weighed 80-89 pounds; 33 percent weighed 90-99 pounds; 28 percent weighed 100 pounds and over.

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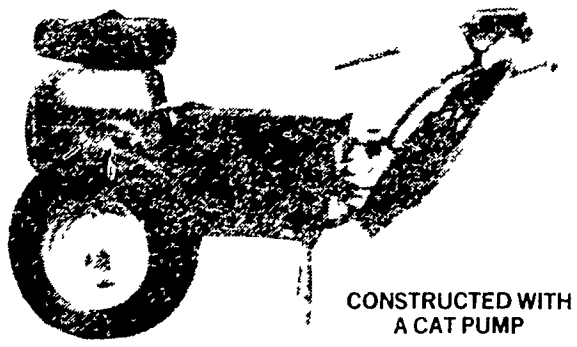

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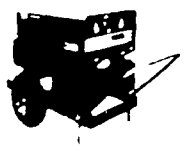

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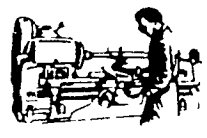

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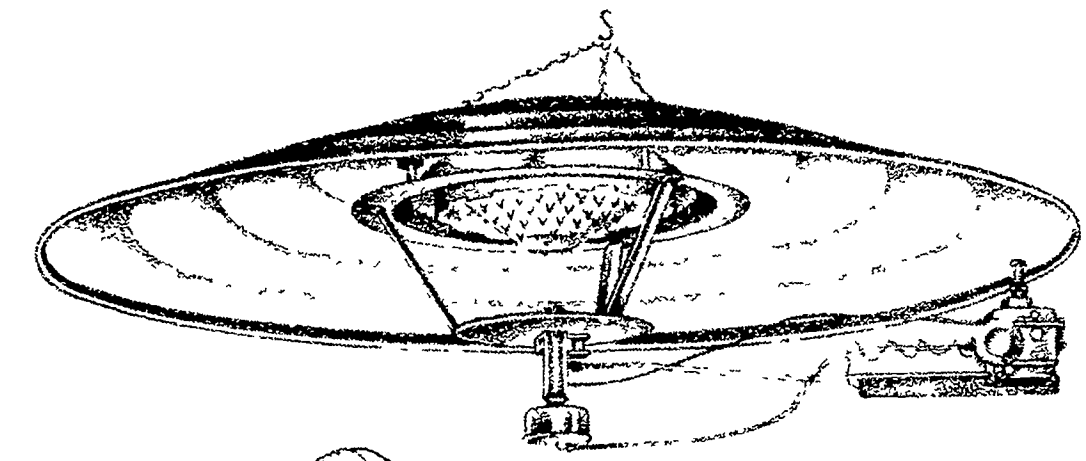

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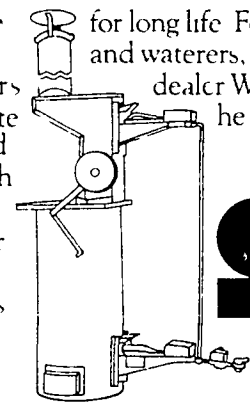

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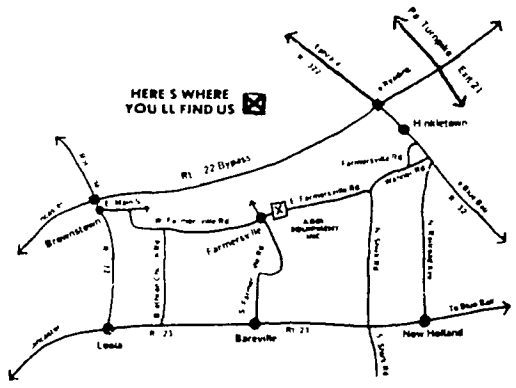

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Honey on rise in Pa and U.S.A.

HARRISBURG — Pennsylvania honey production during 1979 totaled 3,034,000 pounds, up 25 percent from 1978.

The yield per colony during 1979 averaged 41 pounds per colony, up 10 pounds per colony from 1978, but the number of colonies declined 5 percent to 74,000. Beeswax production for 1979 was 58,000 pounds, up 23 percent from 1978.

Sales of all honey in Pennsylvania in 1979 indicated that an average price of 64.3 cents per pound was received compared to 65.3 cents per pound in 1978.

The price of all extracted honey sold wholesale in 1979 averaged 56 cents per pound compared with 54 cents per pound in 1978.

The price of extracted, processed, packaged honey sold retail averaged 91 cents per pound in 1979, up 3 cents per pound from 1978.

The average price per pound for all chunk and comb honey sold in 1979 was 95 cents and 1.15 dollars respectively.

The price of beeswax in Pennsylvania during 1979 averaged 1.91 dollars per pound, an increase of 19 cents per pound over the 1978 price.

Nationally, honey production in 1979 totaled 237 million pounds, up 3 percent from the 1978 level of 230 million pounds. The number of colonies increased 2 percent to 4.15 million and yield per colony increased to 57.2 pounds from 56.5 in 1978.

The production value of the 1979 crop was $140 million, 12 percent more than in 1978 and 48 percent above 1977. The 1979 average price for all wholesale and retail sales of 59.0 cents was 4.5 cents greater than the 1978 price.

The average price per pound for various honey sales are: extracted in wholesale lots 55.3 cents, 4.2 cents above 1978; unprocessed bulk 53.1 cents compared with 48.3 cents in 1978, processed bulk 59.5 cents, 6.9 cents above 1978; processed packaged wholesale 75.0 cents compared with 69.8 cents the previous year.

Processed packaged retail sales averaged 86.0 cents, 5.9 cents above 1978. Wholesale and retail sales of chunk honey averaged $1.17 per pound, 10.0 cents above 1978. Prices for all comb honey averaged $1.25, compared with $1.12 a year earlier.

In mid-December, producers reported 37.8 million pounds of honey on hand for sale, compared with stocks of 31.9 million pounds in 1978 and 30.1 million in 1977. Stocks in mid-December were 16 percent of the 1979 production, compared with 14 percent in 1978 and 17 percent in 1977.

Beeswax production totaled 3.73 million pounds in 1979, 5 percent less than the 1978 wax production of 3.93 million pounds. The average price of beeswax at $1.75 per pound was 1.0 cent above the 1978 price and 17.0 cents more than in 1977.

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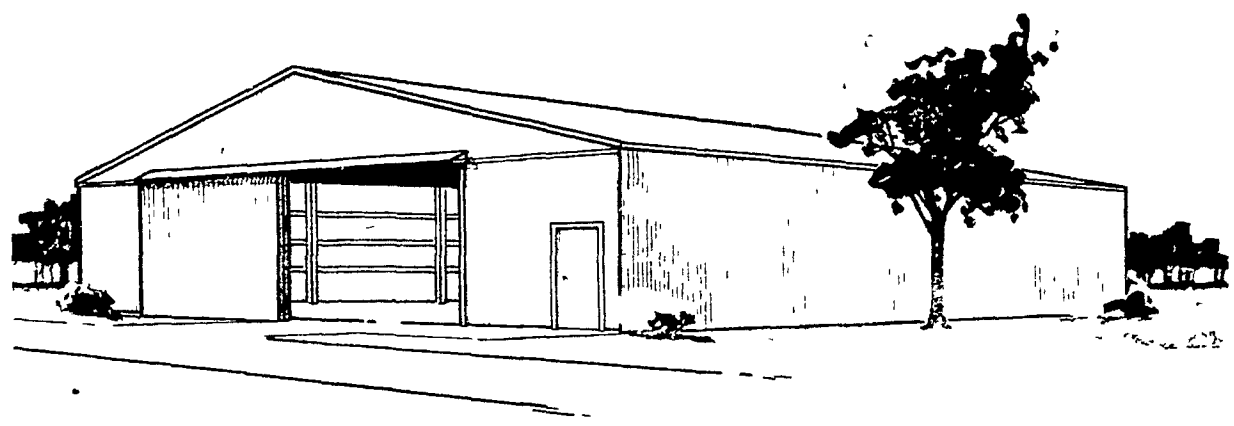

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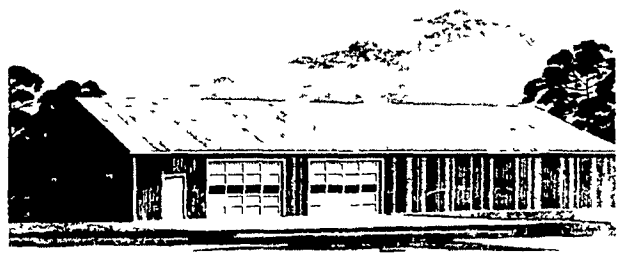

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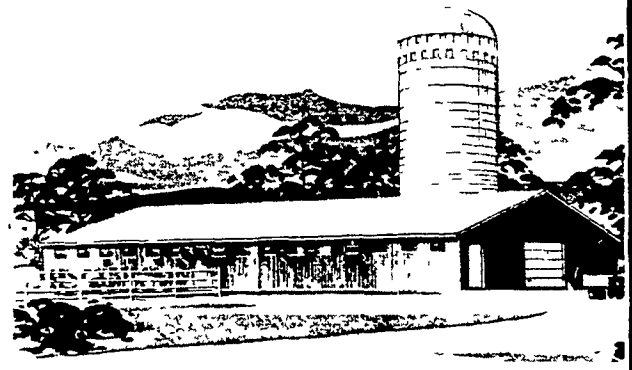

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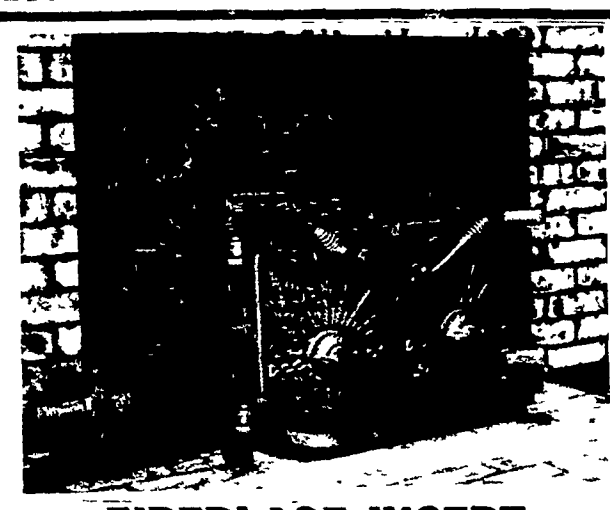

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Lancaster equipment dealers to offer credit card service

HARRISBURG — In February 1978, members of the Pennsylvania Farm and Power Equipment Association announced the availability of a revolving credit card program designed strictly for the agricultural business community.

It was the first farm credit card program in Pennsylvania. The demand for this program has increased over the last couple of months.

To date, over 2900 farmers and consumers across Pennsylvania have approved credit with the PACE plan. Over 100 farm equipment dealers now offer this plan to their customers.

Retail farm equipment dealers in Lancaster, York, Bucks, Chester and Montgomery counties will be offering this program to the farmers and consumers within 30 to 60 days. The dealers in Lancaster County will start the program February 18th.

Dealers in those counties which recently announced the program report that credit applications are being completed, signed and returned by the farmers and consumers at a fast pace. Farmers and consumers, like dealers, have a cash flow problem.

Customers have been receptive to PACE. They simply fill out a credit application and indicate the dealers with whom they do business. The line of credit is approved by the PACE Department (usually higher credit limits than other charge systems) and a charge card is sent to the participating dealers selected by the customer.

When he needs credit at any dealer, the PACE card is used to charge the sale of goods or services. If the bill is paid in full within 25 days, then no interest is charged. He only pays interest on the amount revolving.

The installament payment due is one-twelfth of the balance if the account is not paid in full. He receives a statement each month from the bank showing all purchases made at the participating dealers.

This eliminates receiving separate monthly statements from five separate dealers with five separate amounts due. A single monthly descriptive statement reduces the customers bookkeeping and time. It gives him greater flexibility in his credit needs.

Why do farmers like PACE? It is a plan designed for their individual needs — prestige credit reference — outstanding bank credit references; easy to use - card kept at dealership; simplified record keeping - one statement each month; record of deductible expenses - tax deductible; unique - will not disturb credit relationship at his local bank; flexibility - extend payments or pay off; adjustable credit limits - can be increased as needed; free 25 day charge account - if paid within that period of time - no interest - depending on statement cut-off, could have up to 60 days free interest; better service - PACE plan relieves the dealer of the task of maintaining an accounts receivable system, thereby giving him more time for providing personal service to his customers.

As one customer recently said, "Banks are in the business of loaning money and the implement dealer is in the business of selling and servicing machinery - under this plan, each is doing what he does best."

Another customer said, "It's a two way street, we need each other, I want my dealer to be here 5 to 10 years down the road."

If you have not yet established a PACE card, stop at the nearest farm equipment dealer and ask for an application.

Major exporters agree not to replace Russian grain

WASHINGTON, D.C. — The following statement was issued by Dale E. Hathaway, Under Secretary of Agriculture, after last Thursday's meeting of representatives of countries involved in international export of grain.

"There is general agreement among the export representatives here that their governments would not directly or indirectly replace the grain that would have been shipped to the Soviet Union prior to the actions announced by President Carter.

"Regarding this issue, the public statement of the Government of Agrentina is well known. Nevertheless, in this meeting the delegation of Argentina has stated that in no case does the Government of Argentina intend to take trade advantages from the present international situation. Neither will it seek to alter artificially the current demands of the different markets.

"In these circumstances, exporters will work in concert to avoid disruption of grain markets.

"We will immediately establish a group for the purpose of examining trade flows on a continuing basis in order to accomplish our common purposes. Actual procedures which individual exporting authorities are in a position to use must differ and thus will be considered further by those concerned.

"The United States indicated the possibility of meeting additional food aid needs beyond those already established. It was agreed countries would collectively examine those possibilities to insure that new food aid flows do not interfere with what would otherwise have been commercial transactions.

"Finally, it was agreed this group will reconvene as necessary to review the situation."

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Blue Ox takes Shorthorn triple crown

Armaggedon Trudeau, a two-year-old Shorthorn bull nicknamed "Blue Ox" won a triple crown by capturing the top championship banner at the 1980 National Western Livestock Show in Denver.

The "Ox" captured tremendous admiration for himself and the breed by weighing in at 2,400 pounds which made him the largest bull of the show. Exhibited by Torgerson Bros., Austin, Mn., and Lazy D Ranch, Excelsior Springs, Mo., this popular champion completed a task tried by many but accomplished by few in winning the grand champion honor at the American Royal, the National Shorthorn Show at the North American International Livestock Exposition in Louisville, Ky., and then the Denver show.

The grand champion female, CSF Sultana's Irish Image 78 x, shown by Greeley Family Shorthorns, Janesville, Ia., repeated the honor she won at the national show in Louisville. The senior heifer calf weighed 1,225 pounds and was sired by an Irish bred Shorthorn bull, Dividend's Image 76.

The reserve grand champions were also popular entries and not new to the winner's circle either. The reserve grand champion bull was Green Ridge Prince R 19, an early spring yearling exhibited by Green Ridge Shorthorns, Elkhart, Il., and Urbana, Mo. He is a big husky March son of HHKA Buttercup's Prince 20th and weighed in at 1,690 pounds. Jerry Taylor of Prairie City, Il., Calvin Hiatt, Cicero, Il., are reported as the new owners of this promising sire.

The reserve grand champion female of the show was a repeat winner of the same award at the 1979 Denver show. Gemvale Misty Heroine 8K x, exhibited by Beth Waters, Chambersburg, Il., was sired by Highfield Irish Mist and was praised by the judge of the show for her good stifle muscling and length of rump.

Other champions included: reserve senior champion bull- Matthew McCrory, Eolia, Mo., reserve junior champion bull- Willow Crest Shorthorns, Larry and Karen Reap, Polo, Il., bull calf champion- Gary and Pam Naylor, Urbana, Mo., reserve bull calf champion- Tacoma Cattle Co., Duane and Jackie Sicht, Ashland, Mo., reserve junior champion female- Melody Taylor, Prairie City, Il., reserve female calf champion- McKee Family Shorthorns, Indianola, Ia.

February 12 deadline for hearing applications

STATE COLLEGE — If you would like to testify at one of the four regional hearings to be held in Pennsylvania in preparation for The White House Conference on Families in Baltimore in June, you can now pick up an application from your county extension service office.

Completed applications should be sent to The Pennsylvania Forum on Families, 204 Weaver Building, University Park, PA 16802 before Feb. 12. Applicants will be contacted by mail prior to the hearing.

The Pennsylvania Forum on Families has scheduled the four public hearings for:

Feb. 19, Wilkes-Barre, Sterling Hotel, Market & River streets.

Feb. 21, State College, 402 Keller Building, University Park Campus of Penn. State.

Feb. 26, Philadelphia, Creese Student Center, Drexel University, 32nd & Chestnut streets.

Feb. 28, Pittsburgh, YWCA, 4th & Wood streets.

To involve as many people as possible, an afternoon session will be held from 1 to 4 p.m. and an evening session from 6 to 8 p.m. at each location. Oral testimony for each participant will be limited to five minutes. In addition, participants are asked to provide a written copy of their testimony.

"This is a rare opportunity for citizens to be heard by those in the public and private sectors whose policies can greatly influence the family and its well-being," said Secretary of Public Welfare, Helen B. O'Bannon, state coordinator for both The White House Conference and The Pennsylvania Forum on Families.

James E. Van Horn, project director of The Pennsylvania Forum on Families and Extension Family Sociologist at Penn State, says that through this public hearing process, people can make their concerns known so that family strengths can be built upon and support provided in areas of need. Testimony from the regional hearings will help to formulate Pennsylvania's contribution to The White House Conference on Families.

USDA to run meeting on electronic marketing

WASHINGTON, D.C. — A national symposium on computerized electronic marketing of agricultural commodities will be held March 17-18 in Dallas, Texas.

In announcing the symposium, Assistant Secretary of Agriculture P.R. Smith said the meeting will further explore the marketing of agricultural commodities.

"Efficient marketing is a primary concern of American agriculture," Smith said. "The U.S. Department of Agriculture has been working with several universities, states and the industry to determine the merits of electronic marketing for several commodities. These systems will be demonstrated in actual trading situations during this symposium."

Smith also said a primary objective of the conference will be to provide a forum where all segments of the marketing chain from producer to user-buyer can assess the problems and potentials of electronic marketing.

Advance registration is required to attend the symposium. For further information about registration, contact: Thomas Sporleder, Department of Agricultural Economics, Texas A&M University, College Station, Texas 77843. Or, phone (713) 845-5913.

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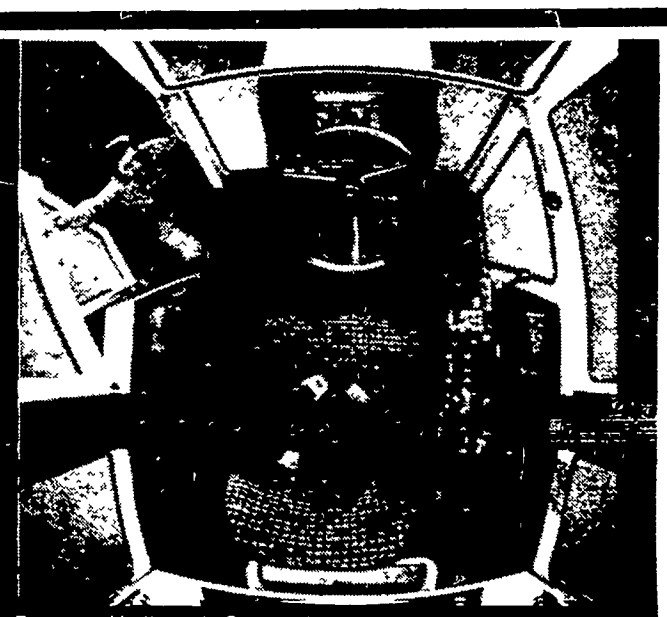

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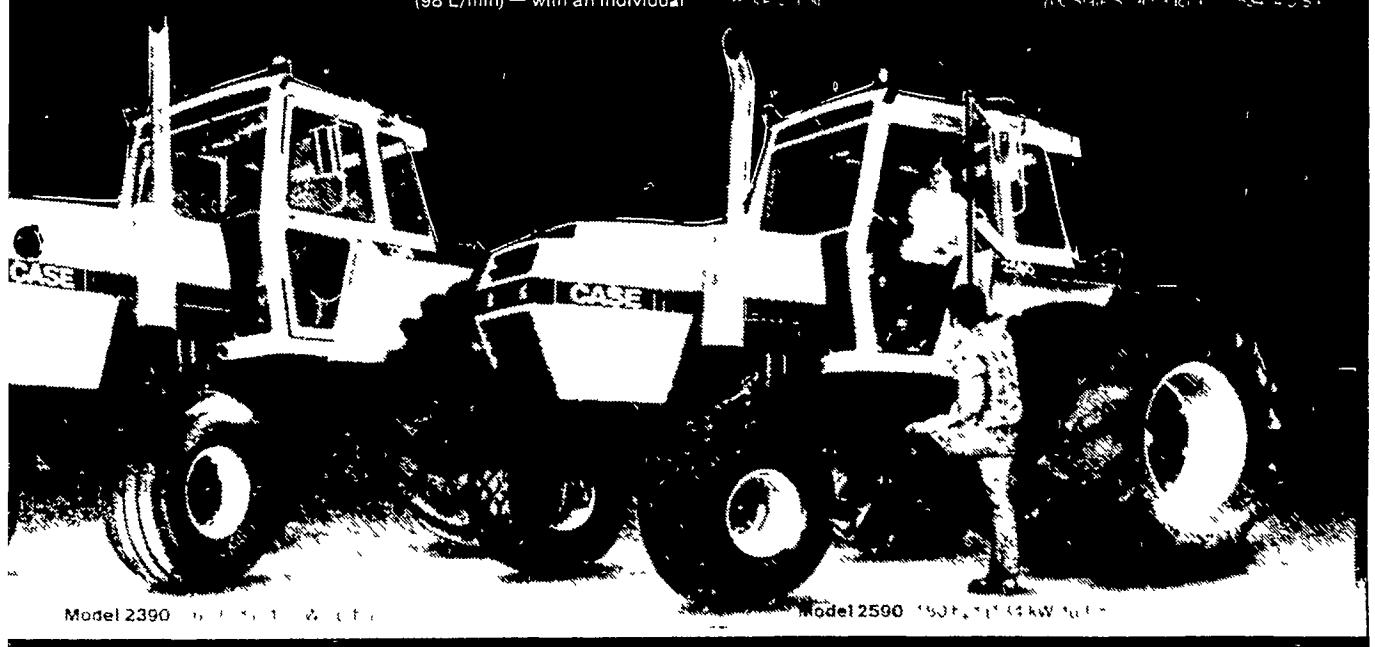

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Grange Master praises French Creek efforts

HARRISBURG — Charles E. Wismer, Master of the Pennsylvania State Grange, congratulated the 1200 members of the Chester County Granges for their efforts in gaining the modifications on the French Creek Scenic River proposal, Harrisburg Thursday.

"The persistence they demonstrated in protecting their rights as landowners demonstrates what people can do if they work together," Wismer said.

In its January meeting, the Chester County Pomona Grange voted unanimously to oppose the French Creek Scenic River proposal in its present form.

Everett Wilson, R 2, Phoenixville, Chester County's Pomona Legislative Chairman, voiced strong opposition to the plan, saying it would "put another restriction on our land and infringe on property owners' rights."

Criticizing the Department of Environmental Resources' Scenic River Management, Guidelines, Wilson stated they were "Too vague and uncertain to merit our approval."

On behalf of the members of the Chester County Pomona Grange, State Master Wismer met with Chester County legislators and representatives of DER to work out a compromise.

According to Fred Fox, Legislative Liaison for DER, the provision for using eminent domain to procure "scenic easements" along French Creek will be expressly forbidden in the implementing legislation.

Fox stated cattle will continue to be allowed access to the stream. "Existing local ordinances and property owners' rights will not be infringed upon."

He stipulated that "the only prohibition involved in the Scenic River designation will be that no dams can be constructed on the creek."

This will not affect the use of minor tributaries into the creek for farm pond construction," Fox stated.

Further, an agreement has been worked out with Pen DOT to widen and straighten Route 100 where it crosses French Creek. Instrumental in working out these final agreements were State Representatives Lynch and Smith, and State Senators Stauffer and Snyder.

USDA to adopt safeguards for importing horses

NEW YORK, N.Y. -- The U.S. Department of Agriculture will allow stallions to be imported from countries affected with contagious equine matritis if the stallions are first cleaned and treated with an antibiotic.

The new regulations add the requirement that these imported male horses may only go to states that have laws or regulations requiring additional inspection, treatment and testing to insure their freedom from this venereal disease of horses.

Also, the state must be approved by the department's Animal and Plant Health Inspection Service. A list of approved states will be published as they meet requirements. This rule will be reviewed following a comment period, which ends March 1, 1980.

According to Pierre A. Thalloux, APHIS deputy administrator, this action is being taken because of the many comments received in writing or at public meetings of horsemen. It will provide an additional method of importing stallions prior to the forthcoming breeding season.

CEM is a highly transmissable venereal disease of horses. The stallion is a mechanical carrier and can usually be freed of the bacteria by cleaning and scrubbing the genitals, followed by treatment with a specific antibiotic. The organism readily infects mares, usually causing failure to conceive or early abortion.

This disease has spread to a number of nations since it was first noted in 1976. Spread is principally caused by the international shipment of infected breeding horses.

Countries currently considered to be affected with CEM are Australia, Belgium, Federal Republic of Germany, France, Ireland, Italy and the United Kingdom (England, Wales, Scotland, Northern Ireland and the Isle of Man).

CEM invaded the United States twice — in 1973 and 1979. Both outbreaks are being eradicated.

The complete text of this rule was published in the Jan. 4, 1980 Federal Register. Comments should be sent to the Import Staff, USDA, APHIS, 6505 Belcrest Road, Hayttsville, Md. 20782. Copies of the rule are available from this same office.

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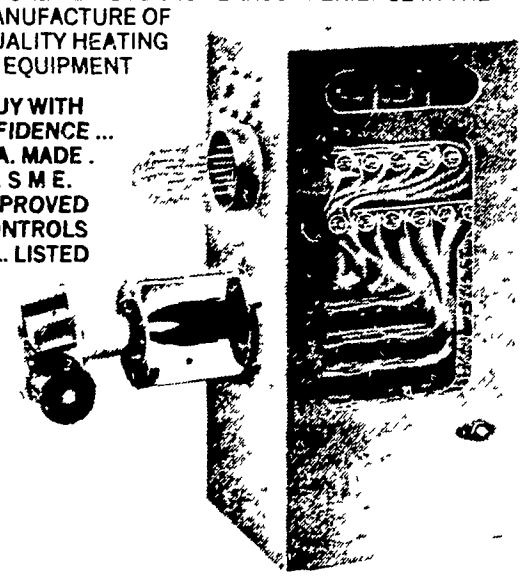

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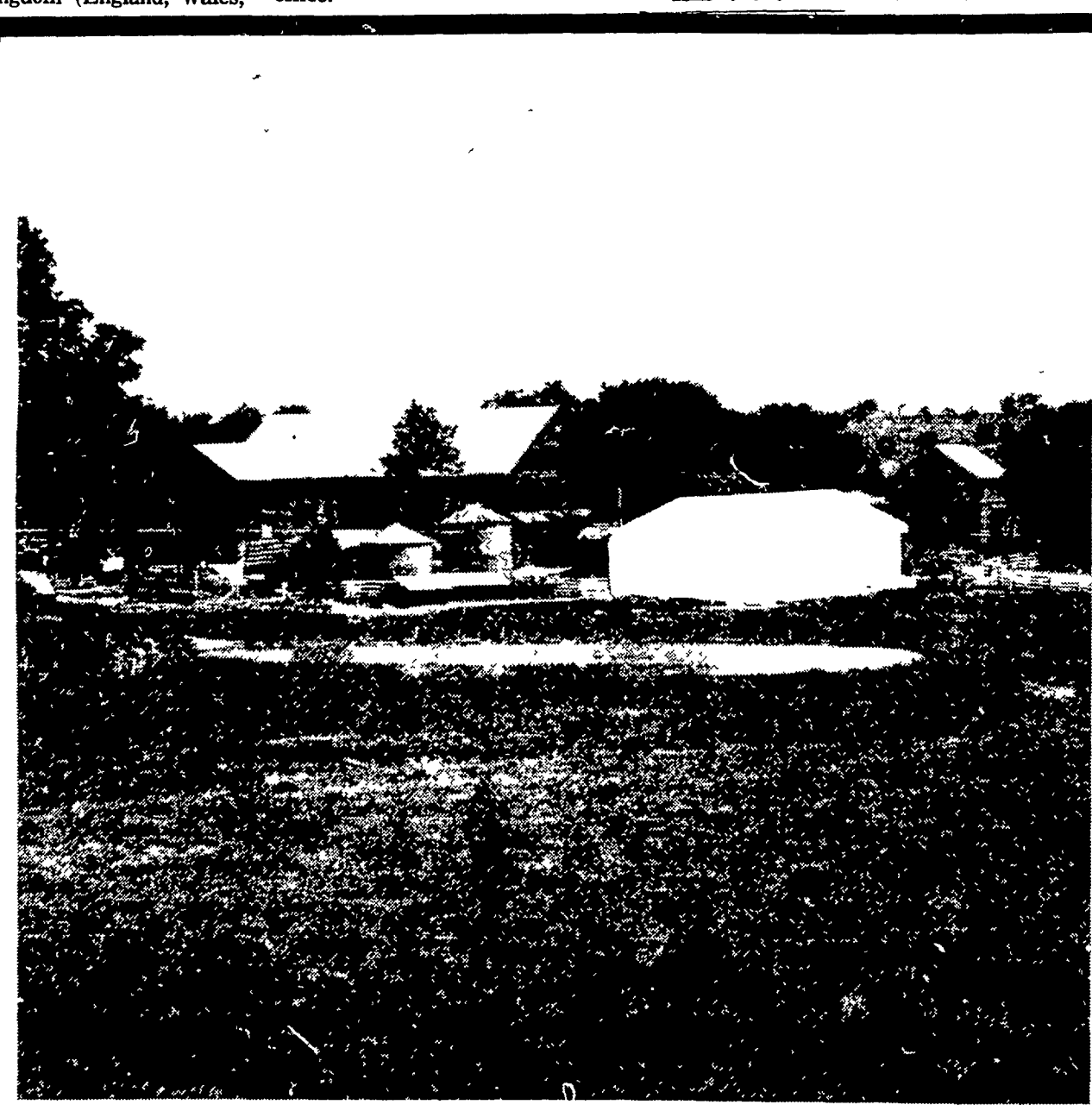

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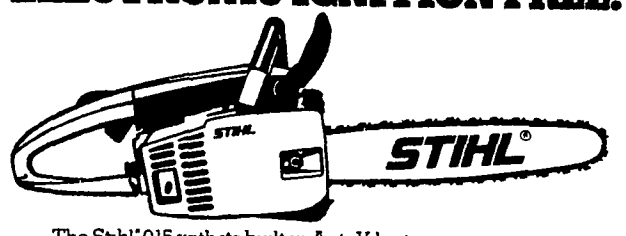

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Berks Equine Council elects officers

BARTO — At a recent meeting, the Berks County Equine Council, under the direction of Clyde A.B. Myers, County Agent, took one more step towards its formation by electing a Board of Directors.

Those elected to the five member Board were: Irv Evans, Reading, President; Mike Kutzmonich, Barto, Secretary; Luther Eichelberger, Boyertown, Treasurer; Penny Heist, Sinking Springs; and Dorothy Swavely, Barto.

Mr. Myers will represent the County Extension as a ex-officio member of the Executive Board.

The purpose of the council is to promote equine activities in Berks County by informing and educating the public about equine activities, to participate in State and County equine programs and to coordinate programs with other equine groups in the State.

One of the projects the council is undertaking is to work with other equine groups to host the 1980 Horse Expo being held at the Penn State University, Berks Campus on Saturday, March 22, 1980.

Proceeds of the Expo will be donated to the Berks County 4-H Center Equine facilities.

Other projects include the establishment of a County Equine Phone Directory and establishment of trails in the Blue Marsh Dam area.

Membership is open to individuals, clubs or business with horse interest who reside or conduct activities in Berks County. Membership is $1.00 per year and anyone wishing to join can send their dues to Mike Kutzmonich at R.D. #1, Box 467A, Barto, PA 19504.

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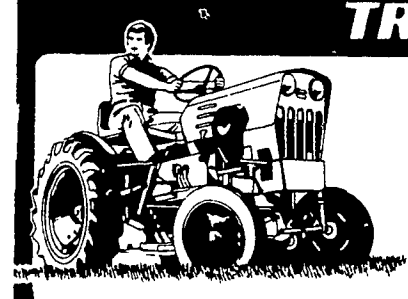

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Kerstetter named to committee

HARRISBURG — Raymond J. Kerstetter of Richfield, Pennsylvania, has been appointed to the Pennsylvania State Agricultural Stabilization and Conservation Committee by Acting Secretary of Agriculture Dale Hathaway. The three-member committee administers Federal farm programs in Pennsylvania.

Kerstetter has farmed in Snyder County for 49 years. He owns and manages 147 acres on which he produces wheat, oats, corn and grass. He has been a National Farmers Union member for 32 years.

Kerstetter previously served as Deputy Secretary and as Secretary of Agriculture in Pennsylvania, where he was involved with marketing farm commodities, both in the United States and overseas. He also has helped start marketing councils for all Pennsylvania farm products.

He has served as a consultant to the Chairman of the Agriculture and Dairy Committee of the State House of Representatives

He joins Louise Rinker of Forksville, Chairperson, and Clayton Winebark of Rochester Mills on the State Committee

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14H 0277	COMMANDER	+1207	+42	99%	+0.10	20.00
14H 0288	MAJOR	+ 578	+17	94%	*+0.96	3.00
14H 0291	VIKING	+ 254	+37	89%	*+1.93	6.00
14H 0305	ORBIT	+ 677	+ 1	99%	*+1.07	10.00
14H 0306	CLASSIC	+1323	+21	65%	*+0.16	8.00
14H 0312	JULE	+1243	+44	73%	+0.33	6.00
14H 0315	ACHIEVEMENT	+ 578	- 1	90%	*+0.29	4.00
14H 0325	IDEAL	+ 451	+ 8	98%	+1.10	6.00
14H 0327	STARLINER	+ 532	+28	85%	*+0.54	3.00
14H 0328	ORION	+1066	+33	86%	+0.28	8.00
14H 0332	CONQUEROR	+ 133	+32	76%	*+0.93	4.00
14H 0350	ROMANCER	+ 335	+26	72%	*+0.24	2.50
14H 0353	MARK	+ 721	+26	65%	+1.56	8.00
14H 0361	GOV	+ 403	+18	90%	+0.67	4.00
14H 0365	CREST	+1280	+29	70%	+0.78	5.00
14H 0410	DESTINY	+ 757	+ 2	75%	+0.97	6.00
14H 0411	REPLICA	+ 591	+23	44%	N/A	—
14H 0412	TRISTAR	+1061	+29	24%	N/A	10.00
14H 0430	ROYALTY	+ 421	+ 5	80%	+0.46	6.00
14H 0440	MATT JR	+1193	+44	64%	*+1.00	20.00
14H 0450	INKA	+ 247	+18	37%	*+2.07	5.00
14H 0495	PERSUADER	+1548	+52	63%	+1.14	40.00
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14H 0505	CHAS	+1113	+37	50%	+0.91	6.00
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14H 0540	RESOLUTION	+1066	+36	37%	*+1.65	5.00
14H 0545	LAIRD	+ 624	+24	34%	+0.26	7.00
14H 0550	R A WONDER	+1518	+40	43%	+1.31	12.00
14H 0555	CONTENDER	+ 787	+19	39%	+0.88	5.00
14H 0565	LAW MAN	+1367	+32	39%	N/A	7.00

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USDA poll says people believe in conservation

WASHINGTON, D.C. — Results of a national survey of the public's attitudes on several major agricultural issues, including conservation of soil, water and related resources, were released on January 17 by M. Rupert Cutler, assistant secretary of agriculture for natural resources and environment.

"The survey revealed that most American people believe more soil and water conservation is needed and are committed to a conservation ethic," Cutler said. "A majority also favors a public and private partnership to resolve soil and water problems."

Louis Harris and Associates, Inc., interviewed 1,010 adults—representing a cross section of the nation's population--during the survey, conducted between Oct. 19 and Nov. 21, 1979.

"We conducted the survey to assess the public's opinions, attitudes and understanding of soil and water conservation problems and practices," Cutler said, "We will use the findings to help design future USDA soil and water conservation programs." Other questions sought public opinion on such issues as gasohol, small farms and priorities in land use.

Some of the survey's major findings are:

–half of all Americans consider misuse of our soil and water resources a serious problem.

–53% consider the loss of good farmland a serious problem.

–people see conservation as a joint public and private responsibility and feel the burden should be shared fairly between government and farmer or other landowner.

–by 7 to 1, Americans accept federal action to protect farmland from erosion as a proper role for government.

–Americans support the concept of small, family farms and federal policies aimed at preserving and increasing them. However, people understand that most of the food grown in this country is produced on large farms.

–the public consistently indicated a preference for allocating a greater share of soil and water resources to agriculture–specifically to food production–rather than to competing housing, industrial, energy or recreation uses.

–more than eight of 10 Americans are rated moderate-to-high on a conservation ethic scale, believing conservation is important for the country.

–more than three-fourths of Americans feel we have not reached the point in soil and water conservation efforts where we should be more concerned about holding down costs than completing the work that remains to be done.

–by more than 2 to 1, the American public says gasohol should receive more government support than synthethic fuels. In head-to-head choices, gasohol is seen as more likely than synthetic fuels to reduce oil imports, keep down gasoline costs and less likely to damage the land.

–Americans value highly citizen participation in federal decision making, even though their reported participation is rather low (33%). A large proportion value the ability to have a say in decision making. They would participate more, they say, if they felt the effects of government decisions were more direct or if they felt they were truly being heard. While 21 percent say they would participate much more if the government were to help pay the cost of their participation, twice that number (44%) say government financial help would not increase their participation.

–a substantial majority of the public feels government should provide loans to people trying to get started in farming.

"The survey is one of the public participation activities undertaken in the development of the future USDA program for conserving soil and water resources," Cutler said. "This effort is a response to the Soil and Water Conservation Resources Conservation Act of 1977 (RCA), P.L. 95-192."

Cutler said the USDA's Soil Conservation Service commissioned the survey on behalf of the USDA and the RCA Coordinating Committee. Later this month USDA will release drafts of proposed conservation objectives and program strategies for conserving soil and water resources. At that time the public will have the opportunity to comment on the various proposals.

***

About one-fourth of our nation's farms, or roughly 600,000, produce nearly 80 percent of our food and fiber, with the largest 200,000 farms already producing half the agricultural supply.

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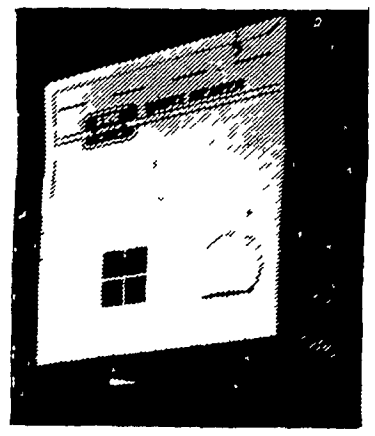

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USDA proposes change in Brussels sprouts

WASHINGTON, D.C. — Changes proposed by the U.S. Department of Agriculture in the voluntary grade standards for frozen brussels sprouts would permit the use of mechanical trimmers in processing the product.

Assistant Secretary of Agriculture Carol Tucker Foreman said mechanical trimming would produce brussels sprouts which are less uniform in size and shape, but the resulting reduction in processing costs could mean savings for consumers.

The proposals would also drop alternative grade names, such as "U.S. Fancy" and "U.S. Extra Standard," and keep the single-letter, sequential grade names U.S. A, B and C. The proposed change conforms with USDA's policy of uniform grade names for all processed fruits and vegetables, Foreman said.

Under the proposed grade standards, frozen brussels sprouts would be graded on the basis of their color, blemishes, quality of trimming and extraneous vegetable trimmings present in the finished product.

Comments on proposal should be sent in duplicate, with reference to page 1046 of the Jan. 4 Federal Register, to: executive secretariat, Attn.: Annie Johnson, Food Safety and Quality Service, USDA, room 3807-S, Washington, D.C., 20250. Comments must be received by March 4 and will be available for public inspection at the same address.

USDA's Food Safety and Quality Service establishes grade standards and provides official grading services for many food products. Use of the grade standards and grading services is voluntary and is paid for by the user.

Popular Choice

Everybody should love somebody. The tragedy is that so many people pick themselves

Sale Reports

The 317th Special Guernsey Sale was held January 24 at the Ass'n Sales Pavilion, 6 miles east of Lancaster, Pa.

There were 77 head of Guernseys sold for an average of $869. The top priced animal was a bred heifer, sired by Lyrene Wistar Deacon, consigned by Morris Lipply, Silver Lake, Ind. and purchased by Peter Witmer, R.D. 1, Willow St. for $1800.

The 2nd high animal was a bred heifer, sired by Eber Lea Farms Winston, consigned by G. Luther Huston, Hepron, Md. and purchased by Carrol Ward, Jr., Box 146, Astatula, Florida for $1775.

There were 23 animals which sold for $1000 or better.

Sale conducted by Merryman Company.

xxx

A Public Sale of real estate, household goods and antiques was held for the Lester R. Summers Estate, January 26 at 17 Gerhart Avenue, Ephrata, Lanc. Co., Pa.

The properties sold included a 2 story brick office and apartment building at 109 E. Main St., Ephrata, which was sold for $51,000 to Martin Lausch, Main St., Ephrata.

A plot of 12.5 acres of wood and farmland in Clay Township sold for $27,200 and was purchased by Keith Spalding, 120 N. School Lane, Lancaster.

A building lot on the corner of Gerhart & Center Ave., Ephrata, was sold for $16,500 to Harry Kurtz, Ephrata and a building lot at 819 Center Ave. in Ephrata was sold for $12,200 to Paul Weaver of Ephrata.

Other items sold were: Oak Desk-bookcase $270, Oak Chest of Drawers $135, Old Ephrata Dairy Sign (Geyer) $190, Ephrata Daily Diaries, 1830's to early 1900's $84.50, Iron three-horse Fire Cart $77.50, Bird Mechanical Bank $55, Coca-Cola Mirror $60, 1974 Hummel Plate $95, two-face Milk bottles $20 and 2 China Doll Heads $17 each.

Auctioneers were T. Glenn Horst and Timothy G. Horst.

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OF POULTRY HOUSES AND VEAL PENS

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1744 Pioneer Road, Lancaster, Pa.
Phone: 717-464-2044

Good's Auction
111 North Maple Ave.
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Hay, Straw & Grain Sales
Every Wednesday
12:00 Noon

Farm Machinery
First and Third Wednesday
January thru November
starting at 9:00
With 6 Auctioneers

Tools and Hardware
Lawn & Garden Equipment

12:00 Noon
Farm Machinery - 12:30

No out of state checks
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Plant WL ALFALFAS — BETTER SEED THROUGH RESEARCH **WITH MPR** *MULTIPLE PEST RESISTANCE

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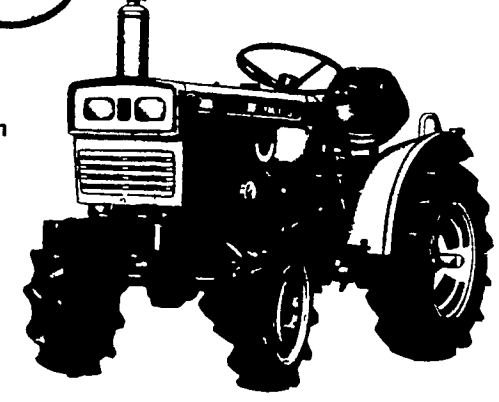

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Food price increases continue to moderate

WASHINGTON, D.C. — Continuing a pattern of moderating food price increases, the Bureau of Labor Statistics reported the Consumer Price Index for food increased 0.5 percent in November, according to the Monthly Food Price Review for November issued jointly today by the U.S. Department of Agriculture and the Council on Wage and Price Stability.

The small November increase follows an 0.8 percent rise in October and represents a continued trend of moderate increases over the past 6 months when retail food prices rose only 2.5 percent.

This rate is lower than that for most other consumer goods and represents a reversal of a pattern in early 1979 when food prices were rising faster than other consumer prices.

Recent price increases are mostly due to rising prices of imported foods and fish products.

In contrast to the CPI, the Producer Price Index for finished consumer foods increased 2.6 percent in November, the largest monthly increase since 1974.

The monthly report also noted that food marketing costs increased 0.7 percent in November, the lowest monthly rate of increase since February 1979. The higher costs were attributed to increased packaging costs, fuel prices and wage rates.

GAP AUCTION

FRIDAY EVE., FEBRUARY 8, 1980

5:30 P.M.

Located off Route 41 - Lancaster Avenue opposite Turkey Hill Minit Market - Cross RR Bridge

ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION.

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CONDUCTORS ALL TYPES PUBLIC SALES

2-DAY EXECUTOR'S AUCTION

OF VALUABLE REAL ESTATE
FINE ANTIQUES & HOUSEHOLD FURNISHINGS
FOR: EST. OF GLADYS H. SNYDER, Dec'd.
Antiques & Furnishings to be sold:
AT THE SKIPPACK FIREHOUSE
Rt. 113, Skippack, Penna.
TUESDAY, FEBRUARY 12, 1980
At 9:00 A.M.
Real Estate to be sold on the premises:
At 1507 Plymouth Blvd., Norristown, PA
WEDNESDAY, FEBRUARY 13, 1980
At 2:00 P.M.

REAL ESTATE - 2½ sty. frame Colonial type Dwelling 24x34. 1st Fl - L.R. w/brick f.p., D.R., Kit., center hallway w/open stairway, lg. side porch & flagstone patio. 2nd Fl.- 3 B.R., c.t. Bath, center hallway & open stairway to 3rd fl. 3rd Fl.-2 BR , 1 Bath. Full Basement w/toilet, H.W heat. 2-car frame Garage 20x20. LOT - 82 x 200 nicely landscaped. INSPECTION - Tues., Feb. 5th, 12-2 P.M. or by appt TERMS - 10% down day of sale; settlement w/in 60 days.

ANTIQUE FURNITURE will include Grandfather's clock, 7'9" Cherry Case w/scroll & finial top, 8-day movement, Henry Wismer, Bucks County; Cherry Slantfront Desk w/orig. brass; Chippendale Mirror, Set of 6 Windsor Chairs (Sheraton influence), Walnut Chair w/rose carving, 7- & 9-spindle rocker & arm chair; Walnut Hutch 6'8" x 5'6" all original, 2 dr. 18 lite top, 2 dr base. fluted sides & center panel, a gem; Walnut Dropleaf Table, ½ spindle Settee w/matching set of 6 chairs (orig.); 2 Tilt-top tables, 1 Walnut w/birdcage; 4-drawer Chest of Drawers w/french feet, 5-drawer Chest of Drawers w/ogee feet, Maple 5-drawer chest, wall clock, Maple rope bed, ladderback & slatback chairs, Walnut 4-gateleg dropleaf Table, Walnut Corner Cupboard w/paneled single door top & fluted sides, sm. Walnut Tavern Table, Walnut Card Table, Pine Stretcher Base Table w/pin attached top, Birdseye Maple Rope Settee, Mah Blanket Chest, Hanging Corner Cabinet, fireside chair, and many other fine pieces

CHINA includes Doulton, Royal Doulton, Lenox, Spode, Staffordshire, Haviland, Rose Medallion, 1 e figurines, dinnerware, cups & saucers, vases, dogs & birds, Silver Lustre serving pcs., GLASSWARE - paperweights, pressed, cut, etc.; Silverware

OTHER COLLECTABLES - Oriental items, Cloisonne, ivory, agateware, brass pails, foot warmer, f p ensemble, baskets, few pcs of jewelry, ORIENTAL RUGS - 6 sm & 1 rm size (Sarouk?), Oil Paintings on canvas, many pictures & frames, 2 framed Samplers (1 Great Valley Seminary) HOUSEHOLD FURNISHINGS & APPLIANCES

REQUEST HANDBILLS

TERMS - CASH LUNCH

Executor for the Estate:
CONTINENTAL BANK, Norristown, PA
SANFORD A. ALDERFER, INC.
Real Estate Brokers And Auctioneers
Harleysville, Pa. - 723-1171

PUBLIC SALE

Having decided to discontinue farming, I will sell on the farm located Fairlee, Routes 20 and 298, at the A.T. & T. Tower, on Route 20, 5 miles southwest of Chestertown, Md.

SATURDAY, FEBRUARY 9
at 11:00 A.M.

FARM MACHINERY

CASE 970 TRACTOR Diesel w/cab & power shift, CASE 530 Tractor w/manure loader, Case SC TRACTOR, INTERNATIONAL 656 Gas TRACTOR, ...CASE EQUIP: 5x16 semi-plows, 14' wheel disc, 11' wheel disc, 10' cultipacker, 2 4' cultipackers, 2 section springtooth, 3 section springtooth, 4-row rear cultivators, 3 pt. subsoiler, Rake, 2 Case flat wagons, Case #200 Baler, Case 4-row planter, Case #95 Spreader, Case 16 tyne Drill ..3 pt. hitch carry-all, NEW HOLLAND 479 HAYBINE (like-new), PAPEC Field chopper #32 w/cutting bar & corn head, Mow conveyor, 11' Grain Auger, Meyers hay loader, 100 gal water tank.....etc.

COMBINES, TRUCKS, RIDING MOWERS

'76 MASSEY FERGUSON 760 COMBINE w/15' grain table & 4-row corn head - Diesel-A/C cab, MASSEY FERGUSON 510 COMBINE w/13' grain table & 4 row corn head Cab - Diesel.....'67 GMC 2-ton 14' dump Truck (EX-Cond), '60 Chev. Grain body Truck.....2 CASE Riding Mowers #222 & #117 Hyd. Drive...etc....

HORSE & MISC. EQUIP.

HORSE DRAWN: Potato plow, plows, cultivators, Case 5' mower, wagon Schauber corn cutters....Chain lift, steam cleaner, spreader chain, some misc items...

2600 Bales of ALFALFA HAY (in barn)

Owner,
C. DUDLEY OREM
(Fairlee),
Chestertown, Md.

HARRY RUDNICK & SONS, INC.
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LUNCH

PUBLIC SALE

Valuable Farm Machinery
THURSDAY, MARCH 13
AT 11:00 A.M.

Located along Brownton Road, 4 miles South of Red Lion, take Route 74 South from Red Lion to Bayhead Marine Store, turn right on Brownton Road. Go ¼ mile, first farm on left, passed new homes. Chanceford Twp., York County, Pennsylvania. Watch for sale signs.

IHC 826 TRACTOR

with German Diesel engine - Serial #2510148U014193 - 1630 hours - 110 horse power - 8 speed gear drive with torque amplifier - 3 point - extra control values - wide front end - like new - with good tires; A C. 600 series 2 row no till pull type corn planter; Taylor - Way #600055 - 10' - 32" clearance - 3 point chisel plow, John Deere 13' transport disc harrow - good blades; IHC 1- PR single row corn picker with dual chains, Zimmerman 36' elevator with 1½ horse power electric motor; Badger BN 205 bushel PTO manure spreader; Farm Hand PTO manure spreader; John Deere 5 ton chassis 7 x 14 bed with sides and hydrolic hoist, McCurdy bin wagon with 5 ton chassis; Kill Bros. bin wagon, 5 ton chassis; Little Giant drag elevator with motor; A.C. sickle bar tractor mower 7' cut; 2 rubber tire flat bed wagons; IHC 1150 portable grinder mixer - 20" mill, ½ ton Papec feed mixer with 3 horse power impulsion reduction electric motor, Badger 14' silo unloader with 5 horse power electric motor - used to empty silo 7 times; IMPCO post hole digger with 12" auger, portable working chute with Plainsman self closing headgate, Harvey Cannon corn sheller; 10' x 10' wood overhead garage door complete, chicken equipment, 7" table saw with motor; 2 - 30" cast iron window fans, 1 horse power electric motor, rubber tire wheel barrow, Jamesway feed cart, cast pot belly stove, 2 sets of pony harnesses, pony saddle, horse saddle, Sterner power mower, John Deere combine parts; 10' John boat; other equipment and miscellaneous items

Auction note Most machinery less than 6 years old and in good condition

Not responsible for accidents

Terms. Cash or guaranteed funds.

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Reynold Burke, Auctioneer
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Dean Burke, Clerk

NOTICE OF INTENT TO SELL REAL ESTATE

The Administratrix of the Estate of George A. Tushim, Jr., wishes to receive offers to purchase the farm of the above-named decedent located in Bald Eagle Township, Clinton County, Pennsylvania.

The farm consists of 76 acres, more or less, and has erected thereon a 2-story, 4-bedroom frame house with a new woodburning stone fireplace in living room, along with new carpeting throughout, new asphalt roof, new furnace, new 200-amp electrical service, bank barn and other miscellaneous outbuildings; it is the same property purchased by George A. Tushim, Jr., from Edward H. Gotschall, et ux, by deed dated September 11, 1973, as recorded in Clinton County Deed Book 242, page 842, and has been designated as Bald Eagle Township Tax Parcel No. 6-1-57. More information about the property being offered for sale can be obtained from Mr. Russell Roan, Mackeyville, Pa. 17750, who can be contacted by phone between 5:00 - 7:00 p.m. at (717) 726-6351 or (717) 726-3706.

An offer must be made on a form which is available at the State College and Lock Haven offices of McQuaide, Blasko, Schwartz, Fleming & Faulkner, Inc., legal counsel for the Estate The amount of an offer must be equal to or in excess of $119,000.00 and must be received in either of the aforementioned law offices on the approved form no later than February 21, 1980, at 5:00 P.M. Settlement will occur within thirty (30) days of the acceptance of an offer by the Administratrix, who, however, reserves the right, in her discretion, to reject any and all offers received.

Thomas E. Schwartz, Esquire
David M. Weixel, Esquire

McQUAIDE, BLASKO, SCHWARTZ, FLEMING & FAULKNER, INC.

811 University Drive
State College, Pennsylvania 16801
(814) 238-4926

146 East Water Street
Lock Haven, Pennsylvania 17745
(717) 748-4121

PUBLIC AUCTION

Tractors, Farm Machinery, Truck, Grain Equipment,
MONDAY, FEBRUARY 25
AT 11:30 A.M.

Location: Five miles east of Honey Brook, eight miles west of Downingtown at Tank Farm, Rt. 322 go north on Chestnut Tree Rd., one mile, turn left on Greison Rd. to farm, Honey Brook, Pa.

J. Deere "4230" tractor, sound-proof cab, power shift, air condition, full hyd., wide front-end, only 1200 hrs., J.D. 10 ft. bull dozer blade for 4230; J.D. "830" Utility tractor with 3-point hook-up, 1100 hrs.; J.D. '660' dsl. combine 13' grain header, 4-row corn head, air condition, fully hyd. 1200 hrs., used 3 seasons; J.D. '8250', 14-disc grain drill, J.D '7000' automation, 4-row corn planter, extra hoppers; J.D model 850 12' transport disc; J.D. '1600' 12' 3 point chisel plow; J.D. model FO-350, 18" 4-bottom hyd. semi mounted plow; (2) J.D. 165 bu. bin wagons; J.D. 3-section 13' harrow; New Holland 276, P.T.O. baler with thrower; New Holland 488, 10' haybine, flotation head; M-C grain dryer, 675 bus. cap. propane continuous flow; Brillion 14' single cultipacker; Century transport sprayer, 40' booms 300 gal. tank; Snowco grain cleaner, 2 hp motor; 2 Cardinal transport grain augers 6 and 8" 5 hps. motors, length 44', 55'; Cardinal 30', 6" auger, 5 hp. motor; Snowco 8", auger 10', 2 hp. motor; Snowco 6" auger, 13' 2 hp. motor J.D. 'A-80' high speed pressure washer, 1200 lbs , S.S chicken plucker with heater, aut. ducker; Fickes 20x60 stave silo, Brock 7000 bus. cap. grain bin perforated floor and fan; metal 10 ton protein holding tank, 1964 Int. '1800' Loadstar truck 33,000 gross, 10x20 tires; w/16' Omaha standard dump body w/cattle racks, 1969 Chrysler Town Country station wagon, 4-doors 43,000 original miles, 1975 Buick, Landau Electra '325', 6 hyd. cylinder with hoses; McCulloch 21" chain saw, Hyd portable motor and hoses; Homelite 18" chain saw, lawn mowers, parts and acc found on a well maintained farming operation All machinery new app. last 3 years, all like new condition.

Terms: Cash or approved check.

By order of,
PEACE AND PLENTY FARMS
Mgr. James C. Coots
215-273-3805

Sale conducted by:
Whitford Sales Company
L. Robert Frame, auctioneer
Box 98 Uwchland P O
Eagle, Pa. 19480
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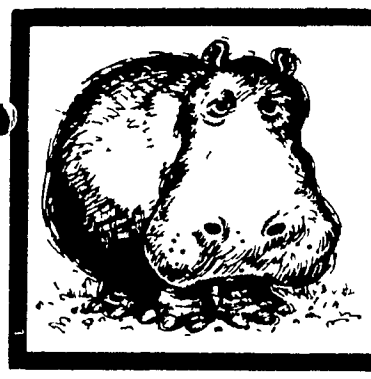


GIGANTIC SELECTION IN Lancaster Farming's CLASSIFIEDS

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

FEBRUARY

SAT FEB 2 - 10 00 A M Public Sale of Farm Equipment, Potato Equipment and Trucks Located in Felton Boro, Main St Ext , approx 15 miles SE of York, take Rt 74 south or Rt 24E to the Red Lion Sq follow S Main St to Acme Store, take Rd to Felton, watch for sale signs York Co , PA Mr & Mrs H Robert Shenk Owners Reynold Burke Auctioneer

SAT FEB 2 - 1 30 P M Feeder Pig Sale Located 1 mile South of Lebanon Take Rt 897 North from Schaefferstown, at Iona turn on Mine Rd , turn left at Fox Rd (at Newmaster Store) Conditions by Alvin H Martin Merle Eberly Auctioneer

SAT FEB 2 - 10 00 A M Public Sale of Tractors, New & Used Tools, some household and some antiques Edgar A Bohrer Sale Manager Miller & Bohrer Auctioneers

SAT FEB 2 - 10 00 A M. Public Sale of Trucks, Combine, Tractors, Implements Located on Levin Dashiell Rd , Salisbury, MD Russell Hastings Owner Pete Richardson Auction Sales

SAT. FEB 2 - 9 30 A M Public Sale of Valuable Antiques, Tools, Glass and China Located in Adamstown Fire Hall, Adamstown, one block off Rt 272 Terms by John H Fry H H Leid Auction Service

SAT FEB 2 - 12 Noon Pick of The Herd Dispersal, 81 Head of Holstein From The Wit-Lane Farm, Mercersburg, Pa Located at the G & M Livestock Market, Duncansville, Pa Rt 220 North from the Bedford exit about 10 miles South of Altoona Owner Sherman Glick Auctioneer V Art Kling

SAT FEB 2 - 2 00 P M Public Sale of 55 acre farm Location Travel north on Rt 272 to Swartzville, turn left on Rt 897 toward Reinholds turn right on Holtzman Rd , about ½ mile on the right Terms by Robert W and Marlene V Shepard Chet Long, Auctioneer

SAT FEB 2 - 9 00 A M Public Sale of Fine Diamonds & Jewelry, Steiff Sterling, Coins, Fine Antiques, Household Glassware & L & G Tractor Held at Redding Auction Service, 3 miles north of Gettysburg on Rt 34 C David Redding Auctioneer

SAT FEB 2 - 10 30 A M Public Auction of Real Estate, Farm Machinery, Cattle, Produce Antiques, & Automobiles Located at New Albany, Rt 220, Bradford Co , Pa Owners Estate of Ernest Slocum Meredith Wilson Associates Auctioneers

MON , FEB 4 - 2 P M Danville Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

WED FEB 6 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co , Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth, J Fry and L Horst, Auctioneer

WED FEB 6 - 10 30 A M Public Sale of Real Estate Located in Cumberland Co 9 miles west of Carlisle, 1 mile off Rt 174 From I-81 Newville exit, turn south on Rt 233 to Rt 174, turn left to jct 465, turn right on Mount Sera Rd , 1 mile to farm Watch for signs David W Alexander Owner, Art Rife Auctioneer

WED FEB 6 - Public Sale of Dairy Cows, Machinery and Dairy Equipment L Louise Alexander, Rd 5, Carlisle, Cumberland Co , PA Art Rife Auctioneer

WED FEB 6 7 30 P M MD Holstein Convention Sale Held in the Ballroom of the Sheraton Inn, Frederick, MD Sale managed by Remsburg Sale Service

THURS FEB 7 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

THURS FEB 7 - 10 30 A M Public Sale of Valuable Farm Machinery and Personal Property Located at Rd 1, Wrightsville, PA on Pleasant Hill Rd near Craley Thurman Runkle, Owner Jacob A Gilbert Auctioneer

THURS FEB 7 6 30 P M Truck Load of New Tools Held at Hunter's Sale Barn, Inc Rt 276, Rising Sun, MD Norman E Hunter Auctioneer

CONSIGNMENT AUCTION

MONDAY FEBRUARY 18, 9:30 A.M.

S. RACE ST. MYERSTOWN, PA 17067

■ TRACTORS ■ TRUCKS & TRAILERS ■ CONSTRUCTION ■ MACHINERY

TRACTORS

JD 7202 w/3 pt & PTO
JD 5020
JD 4430 w/cab
JD 4320 w/cab
JD 4020 Side Console-PS-4WD
JD 4020
(3) JD 3020 (2) Side Console
JD 3010
JD 2020
JD 1020
(2) JD 730
JD 720
JD 70
(3) JD 820 (1) w/cab
JD 830 w/cab
Farmall 966 w/cab
Farmall 1256 w/cab
(2) Farmall 1206 w/cab
(2) Farmall 806 (1) w/cab
Farmall 460
Farmall Super M
Farmall M w/picker
Cub 154 Lowboy w/mower
(2) Cubs
Farmall A
Ford 9600
Ford 9000
(2) Ford 5000
AC 190XT series 3
AC 190 High Clear
AC G
AC 185
JD 4230 Powershift
JD 4430 -4 Post
AC 190XT
AC D21
Case 2670 w/cab & 3 pt.
Case 1470 w/cab & 3 pt.
Case 1070 w/cab
(6) Case 1030 (2) w/cab
Case 930 w/cab
(2) Case 930 Standards
Case 830
MF 1805 w/cab-3 pt-PTO-Duals
(3) MF 1150 (1) w/Cab
MF 1155
MF 1130
MF 1085
MF 1080 w/cab
MF 180
MF 65
MH 333
White 4-150 w/cab-3 pt-PTO
Oliver 2255 w/cab
(2) Oliver 1950
Oliver 1550
Long 560 4WD
Long 460
Long 560
MM Super 670 w/loader
MM Super 670 Gas
White 2-1504 w/cab & Duals
Oliver 22554 Duals
Oliver 2150 w/Duals
Int 4166 w/cab-3 pt-PTO
Int 1256 Standard

TRUCKS & TRAILERS

1974 Ford Louisville - Diesel-18' Grain Dump & Cattle Racks
1962 Ford w/16' Grain Dump
1975 Int 2050 Screw w/26' Rollback
1974 Ford Louisville w/24' Rollback
1970 Diamond Reo Conventional Tractor - Tandem
1969 Diamond Reo Cab over Tractor - Tandem
1968 Mack Cab over Tractor - Tandem
1965 Int w/Feed Mill
1976 Louisville Tractor - Cat Diesel
1974 Louisville Tractor - Cat Diesel
1965 Int Emoryville - Cummings Diesel
1974 Int 2050 Construction Dump - Diesel
1974 Louisville Construction Dump - Diesel
1977 Int S2500 w/26' Rollback - 238 Detroit
(2) 8 ton Lowboys
(20) Tag-A-Longs (4 to 18 ton)
1978 Chevy ½ ton Pickup

CONSTRUCTION

Cat 955K Loader w/cab
Cat 941 Loader
Cat 931 Loader
(3) Cat 933 Loader
(2) Int 125C Loader
JD 450 6 Way Dozer
(2) Michigan 180 Dozer
Franklin 170XL Skidder
Franklin 160 Skidder
Franklin 133B Pack-N-Back Skidder
JD 540 Skidder
JD 440A Skidder
(2) Ford Log Hog
Long 5 in 1 Backhoe w/cab-Like New
(2) JD 310 Backhoe
Int 3616 Backhoe
Ford 800 Backhoe
Ford 6000 Lb. Forklift
York 7000 Lb. Forklift
JD 2010 Forklift
Int 340 Forklift
Yale Forklift
Terex 72-41 RT Loader
Scoopmobile LD7 RT Loader
Michigan 55 RT Loader
Michigan 125 RT Loader
Davis DH5 Trencher - (New)
Galion 503 Grader
(2) Wood Chippers

MACHINERY

White 40 Blade Wheel Disc w/Wings
(2) White 36 Blade Wheel Disc w/Wings
(2) White 44 Blade Wheel Disc
White 40 Blade Wheel Disc
(4) White 36 Blade Wheel Disc
Oliver 32 Blade Wheel Disc
JD 32 Blade Wheel Disc w/wings
JD 44 Blade Wheel Disc
JD 40 Blade Wheel Disc
(3) JD 36 Blade Wheel Disc
(3) JD 32 Blade Wheel Disc
(2) JD 28 Blade Wheel Disc
JD 24 Blade Wheel Disc
Int 36 Blade Wheel Disc w/wings
(3) Int 44 Blade Wheel Disc
(5) Int 40 Blade Wheel Disc
(2) Int 36 Blade Wheel Disc
Int 32 Blade Wheel Disc
Int 36 Blade-Drag Type
Int 28 Blade-Drag Type
Int 16 Blade Cub Disc
Int 480 w/Wings-36 Center Blades-64 w/Wings-Cylinder-Scrapers-Excellent
Int 480 w/Wings-44 Center Blades-60 w/Wings-Cylinder-Scrapers-Like New
Hutchmaster Offset-on Wheels-32 Blades-Scrapers Very Heavy-Excellent Cond.
Wilbeck Offset on Wheels-32 Blades-Scrapers Very Heavy-Excellent Cond.
JD w/Wings-40 Center Blades-60 w/Wings-Like New
(3) Long Offset on Wheels-26 Blades-Notched-Heavy Like New
JD w/Wings-32 Center Blades-48 w/Wings Scrapers Good Condition
(2) JD on Wheels-40 Blades w/scrapers-Good Condition
Hesston 10 Stacker
Hesston 30 Stacker
(3) Hesston 10W Movers
NH 276 Baler
NH 258 Rake
NI Wheel Rake
(4) NH 54A PTO Throwers
(2) Stalk Choppers For Balers
NH 479 Haybine
Hesston 5400 Round Baler
JD 336 Baler
IH 4x semi reset plow
(3) IH 5x semi reset plow
(5) IH 6x semi reset plow
White 6x18 semi reset plow
JD 6x16" semi plow
JD 5x16" semi plow
JD 5x18" semi plow
JD 3x16 pull plow
Oliver 5 or 6x18" semi plow
Oliver 5 semi plow
IH 710 5x16 semi plow
IH 5x16 semi plow
INT 550 Harvester
NH 717 Harvester
NH 880 Harvester
JD 34-35-38 Harvester
Fox Harvester
JD 483 Haybine
5 Gang Reel Mower
Waldon Dozer Blade
(6) Sickle Bar Mowers
Fox Table Blower
(2) JD Hopper Blowers
1200 Bu. Corn Cribs
6'-7' 3 pt. Blades
5' 3 pt. Rotary Mowers
14' JD Rotary Mower
(6) NI Cornpickers - 1 and 2 Row
(2) IH 234 pickers
JD & MM Cornshellers
NI & INT Cornshellers
INT Hay Crusher
Cultipackers
Dunham 12' Cultimulcher
Ford 2x 3 pt Cultivators
(2) JD R64 Cultivators
(8) INT 2x & 4x Cultivators
Oliver 4x Cultivator (rear)
New 6x 3 pt. Cultivator
New 4x 3 pt. Cultivator
(2) AC D14-D15 Cultivators
Oliver 13 disc Drill
JD 15x7 FBB Drill
JD 17x7 FBB Drill
NI Cut ditioner
6 Row Stalk Chopper
MC Flail Chopper
(2) Bearcat 6' Flail Chopper
(3) New INT 16' Spring Harrows
(2) 16' Spring Harrow w/wings on wheels
12' Spring Harrow on wheels
(14) Set of Duals (All Sizes)
JD 6x Planter
IH 4x Cyclo Planter
JD 2x 3 pt. Planter
IH 56 4x Planter
Athens 10' 3 pt. Chisel Plow
Glenco Soil Saver
JD Soil Saver
Kewanee 9' Pull Chisel Plow
(4) JD & IH Vibra Shank Cults.
2x Potato Digger
(2) 1x Potato Digger
Late JD 3 pt. Rotary Hoe
Lely Roterra
New 3 pt. Seeder
(15) Rollbars
(4) Snow Blades
(2) Sprayers
JD 34 Spreader
NH Tandem Spreader
JD Hay Tedder
Subsoilers
Flat Wagons
Wagon Gears
Lamco Self Unloading Wagon
NI Self Unloading Wagon
Hay Feeder Wagon
(100) New Mags for Pickups
Lots-Lots-More

*** PARTIAL LISTING AS OF JAN 10th - SOME ITEMS CHANGE DUE TO DAILY BUSINESS AND MANY MORE ITEMS COMING IN BEFORE SALE THAT ARE NOT LISTED.**

SALE HELD BY:

WENGERS FARM MACHINERY, INC.

S. Race Street
Myerstown, Pa. 17067
Day-717-866-2135, Night 717-866-7147 or 273-9089

CONSIGNMENTS WELCOME

Lunch Served by Myerstown Church of the Brethren

BAKERS TOOL TRUCK WILL START THE SALE
ORDER OF SALE:
(Approx.)

9:30-10:30 - New Tools
10:30 - Machinery & Special Disc Sale
3:00 - Industrial
4:30 - Trucks
5:00 - Farm Tractors

Public Sales Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

FRI FEB 8 - 12 00 P M Public Sale of Farm Equipment & Truck Located 5 miles north of Womelsdorf and Rt 422, along Rt 419, near Four Point Hotel, Tulpehocken Twp, Berks Co, PA Sale by Ridge Crest Farms Conducted by Ralph W Zettlemoyer Auction Co

FRI FEB 8 - Public Sale of Farm Machinery and corn Held near Nottingham, PA Sale for Elaine Wiley Kreider & Petershiem Auctioneers

FRI, FEB 8 - 5 30 P M Gap Auction, Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge Ira Stoltzfus & Son, Auctioneers

FRI FEB 8 - 6 30 P M Public Sale of Tools Held at the Gordonville Fire Co, off Rt 30, turn north on Old Leacock Rd Sponsored by Gordonville Fire Co Auctioneers Ron Funk & Jeff Knosp

SAT FEB 9 - 11 00 A M Special Horse Sale at the Belleville Livestock Market, Belleville, PA Consignments of draft, driving and meat horses Mark Glick Auctioneer

SAT FEB 9 Public Auction of Farm Equipment for Aaron Z Shirk located between Ephrata and Lancaster along Rt 272 at Hartman's Grocery turn west on Rosehill Road to farm on right John E and Paul E Martin, Auctioneers

SAT FEB 9 - 12 00 P M Public Sale of 17 acres Farm Land and Implements Located in Brecknock Twp, Rt 897 3 miles south of Swartzville & ½ mile north of Fivepointville, Lancaster Co, PA Benjamin S Martin Owner T Glenn & Timothy G Horst Auctioneers

SAT FEB 9 - Public Sale of Farm Machinery and Grain Located 1½ mile west of Wakefield, PA Sale for Victor Fite Kreider & Petersheim Auctioneers

SAT FEB 9 - 9 A M Public Sale of Antiques, Household Goods, Etc ½ mile North of 422 along Rt 645, Myerstown, Pa Sale for Leah B Musser Weik & Houser Auctioneers

SAT FEB 9 - 11 00 A M Public Sale of Farm Machinery, Combines, Trucks, Riding Mowers, Horse and Misc Equipment Located at Farilee, Rts 20 & 298, at the AT&T Tower on Rt 20, 5 miles SW of Chestertown, MD C Dudley Orem Owner, Harry Rudnick & Sons, Inc Sale Managers and Auctioneers

SAT FEB 9 - 9 00 A M Public Sale of Antiques, Household Goods Located on the Henry Brubaker Farm, ½ mile north of Rt 422 along Rt 645, Myerstown, Lebanon Co, PA Leah B Musser Owner G Harvey Weik and Reuben Houser Auctioneers

SAT FEB 9 1 00 P M Public Sale of 60 head Boars, Bred Gilts, open gilts, all breeds Held at the Lebanon Co Fairgrounds, Lebanon, PA Sponsored by the Berks - Lehigh Co Pork Producers Assoc for Catalogs write Terry Bennecoff, Rd 2, Kutztown, PA 19530

SAT FEB 9 - 9 00 A M Public Sale of Valuable Antique Furniture, Glassware, Silver Coins & Misc Items Sale held in the Winterstown Fire Co Hall, along Rt 24 in Winterstown Boro, York Co, PA Sechrist Auction Service Sale Managers

SAT FEB 9 12 Noon Dairy Sale consisting of 2 complete herds, 1 Registered, 1 Grade, out of Vermont and Connecticut, to be held at Smoketown Quality Dairy Sales, Route 340, Smoketown, PA 5 miles east of Lancaster, 5 miles west of Intercourse, Pa Sale by Gordon W Fritz, Carl Diller, Auctioneer

MON, FEB 11 - Public Auction of Farm Equipment for Elmer S Hoover Location - Get off Bethel Exit on Interstate 78, go through the town of Bethel to Airport Road, turn right to farm on left, Berks County, Pa John E and Paul Martin, Auctioneers

TUES FEB 12 9 00 A M Public Sale of Livestock, New & Used Farm Machinery, Tools Located 2 miles south of Intercourse, first farm east of Gordonville along East Gordon Rd, 1 mile north of Rt 30, 10 miles east of Lancaster, PA Terms by Jacob M Fisher Paul Snyder & Wilbur Hosler Auctioneers

TUES FEB 12 - 9 00 A M Public Sale of Valuable Real Estate, Fine Antiques and Household Goods For Est of Gladys H Snyder, at the Skippack Firehouse, Rt 113, Skippack, PA Sanford Alderfer, Inc Auctioneers

PUBLIC SALE

OF
FARM MACHINERY & CORN
FRIDAY, FEBRUARY 8
10:30 A.M.

Along Union Square Road from Nottingham take Route 272 northwest ½ mile, cross over Route 1, east on Union Square Rd., follow sale arrows. Chester Co., East Nottingham Twp. 3 miles south of Oxford.

IHC - 706 diesel w/blower, IHC - 460 utility gas w/loader hyd. fork & bucket, John Deere B tractor, TD 9 International crawler series 92 w/3 and 1 bucket, IHC #550 - 5 bottom 16 in trip plow w/coulders, cover boards & gage wheel, John Deere offset disc harrow (transport), Oliver 36 transport disc, J D. 36 transport disc, 9 ft spring harrow, 9 ft. cultipacker w/small transport wheels, 3 pt. sub soiler, western plow rake, New Idea cutditioner, New Holland 68 baler w/thrower, N H 55-5 bar hay rake (rubber teeth), 3 thrower wagons all wide track, New Holland 36 ft. elevator w/motor, 2 section skeleton elevator, IHC - 2 row wide chopper, IHC #56 hopper blower w/70 ft. pipe, 2 forage wagons, IHC & New Holland 1 w/new floor.

White 9,000 tandem w/250 Cummings motor and 10 speed road ranger w/3500 gal. vacuum tank (tank 1 yr old). App. 70 ton ear corn New Idea 2100 gal. vac. tank w/injectors Bobcat 371 w/bucket & fork

A.C. 4 row cornplanter, New Idea Uni System #702V6 w/combine, 13 ft new style grain head and 2 row wide corn head & 1 corn head for parts, 2 gravity bin wagons, AC 4 row cultivator on tool bar, IHC - 7 ft. 3 pt chisel plow, 5 ft. Ford 3 pt rotary mower, 240 gal field sprayer w/fiberglass tank, New Holland grinder mixer portable w/5 screens, Artsway 425A grinder mixer, table blower, 2 - PTO grass seeders, JD #79 flail spreader for parts, FWD dump truck w/V snow plow (needs mechanic) silo distributer.

20x50 Fickes Silo w/Badger unloader 10x30 steel silo w/many bolts

Pratt & Whitney large lathe, Craftsman drill presss, table saw, 2 round metal corn cribs, 16 ft. aluminum harvester elevator. Paul portable pig scales, 12 in post hole digger
2 - B&W grain Areator & dryer model 100, JD 3 pt corn sheller, J D cultivators for B, V snow plow w/7 ft wing spread, 16 ft grain Auger w/motor, 24 in fan w/motor, 2-36 in fans, aluminum ex ladder, Remington chain saw, Wagner loader for Farmall A or B, dehorners, 3 squirrel cage fans, 12 milk cans (old), hardwood flooring

Other articles not mentioned

Terms by,
ELAINE WILEY
215-932-2386

Auctioneers:
J. Everett Kreider
Steve Petersheim
Lunch by Robert Fulton Auxiliary

PUBLIC SALE

OF FARM MACHINERY AND HAY STRAW AND CORN
SATURDAY, FEBRUARY 9, 1980
11:00 A.M.

Location: Along Peach Bottom Road, ¾ mile west of Route 222 at Wakefield. 20 miles south of Lancaster.

John Deere 3020 diesel w/wide & tricycle front 589 hrs. (nice), John Deere 148 loader w/6 ft. material bucket, (nearly new), John Deere F125 - 3 bottom 16 in. trip plow, John Deere 210 disc. 12 ft., new 10 ft. John Deere spring harrows, Brillion 10 ft 8 in. cultimulcher (like new). New Holland #276 baler w/thrower (like new), Hesston PT10 haybine, New Holland Crimper, 26 ft. elevator w/motor, New Holland #770 harvester w/2 row corn head and pickup, J.D. 115 Chuckwagon, J.D. #65 blower, J.D. 1250-6 narrow row cornplanter, New Idea #201 manure spreader, rubber tired wagon, Sonoco grain cart w/unloading auger, post hole digger

16 BUSHEL HOME GROWN CLOVERSEED

3 bushel timothy seed, 10 ton straw, 5 ton alfalfa and mixed hay, 100 bu. oats, 2 outdoor metal troughs 12 & 14 ft., 6 bales twine, PTO grass seeder, 10 ft 4 in auger w/motor, J.D. hyd. cylinder, Dewalt radial arm saw Model 740, Rockwell drill press on stand w/motor, airless paint sprayer, sump pump, suction pump 3 gal. per second, ½ ton chain hoist, 12 ton hyd. jack & others, 2 elec. motors, high pressure steam cleaner, acetylene torch, space heater.

J.D. 110 lawn & garden tractor w/36 in mower, Sears chain saw, 7 in belt (short), 5 hp roto-tiller front mount sawbuck, Fairbanks platform scales, log dogs, load binders, 4 log chains, ropes, hand saws, roll barb wire, forks, shovels, brooms and many articles not mentioned

Terms By,
VICTOR FITE
717-548-2321
J. Everett Kreider Auct.
Lunch by Robert Fulton Auxiliary

MARYLAND HOLSTEIN CONVENTION SALE

WEDNESDAY, FEBRUARY 6
7:30 P.M.

Sale is being held in the Ballroom of the Sheraton Inn, Frederick, Md. Cattle will be housed at the Frederick County Fairgrounds.

46 REGISTERED HOLSTEINS 46

Daughters of these high PD Sires Sell:
Round Oak Rag Apple Elevation, Whirlhill Kingpin, Eng-Amer Ivanhoe Jerry, Glendell Arlinda Chief, Paclamar Astronaut, Wapa Arlinda Conductor, Milu Betty Ivanhoe Chief, Glen Valley Star, Shardale Arlinda Chief Jemini, Pawnee Farm Arlinda Chief and Paclamar Bootmaker.

THE COWS

Cows selling have records to 23,280M and 800F. Many are scored Very Good as young cows and are certainly potential Excellents

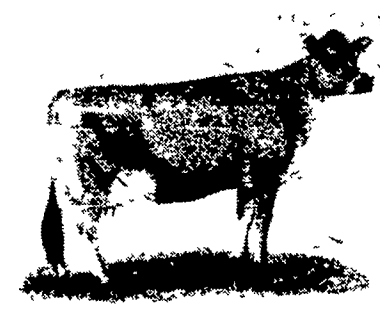
THE HEIFERS

The Heifers have outstanding pedigrees A large number are from three generations of Very Good or Excellent dams with records to 30,050M and 1119F

This group of cattle represent the very best breeding throughout Maryland We feel it is the most outstanding group of animals ever offered in the state. It is an opportunity for you to invest in top pedigreed individuals. Plan to attend this sale!

Sponsored by the Maryland Holstein Association
Sale Managed by
REMSBURG SALE SERVICE
Jefferson, Maryland 21755
Phone: 301-473-8214

Looking for some outstanding registered



JERSEYS??

Plan to attend the Pennsylvania Bred Heifer Sale to be held in Mercer, Pa. on:

SATURDAY, APRIL 26

Heifers are now being selected from herds throughout Pennsylvania with some outstanding consignments promised from outside the state.

These heifers will represent popular, production-packed pedigrees. They will be bred to plus-proven bulls or sons of plus-proven bulls. Their dams will be at or above average in herds of origin.

Some heifers will be due to calve shortly after the sale. Others will be bred to freshen during base-making month; take them home and put them on pasture till then.

Whether you plan to enlarge your herd, want to replace some low producers, or need to improve your butterfat and solids test – mark your calendar now and plan to attend the sale.

Watch for future ads or contact sale chairman:
Donald Koontz
RD1, Fredonia, Pa. 16124

PENNSYLVANIA JERSEY CATTLE CLUB, INC.

Sec.: Florence Robinson, 9269 Mentzer Gap Road, Waynesboro, Pa. 17268.

PUBLIC SALE

FRIDAY, FEBRUARY 15
10:00 A.M.

Located four miles southeast of Strasburg, three miles northeast of Georgetown, between Route 896 and White Oak Road, along Peach Lane, Lanc. Co., Penna.

LIVESTOCK

One pair 8 yr. old bay mules, 5 yr. old and 8 yr. old dark sorrel odd mules; 2 yr. old mule colt; 12 yr. old dark sorrel Belgian mare; Registered 2 yr. old Standard bred colt; Morgan-Standard bred 2 yr. old colt.

48 HEAD HOLSTEIN DAIRY CATTLE

38 Dairy cows
all stages of production
6 holstein heifers — 5 heifer calves

Most are home-raised, many first and second calf heifers.

FARM EQUIPMENT

New Holland Baler in good condition; Papec 16" ensilage cutter; McD p.t o. corn binder with loader; McD ground driven corn binder; Cunningham hay crimper, McD grain binder.

New Idea No. 14 manure spreader; New Idea No. 206 manure spreader; Two McD 7' grass mowers; New Holland roll-a-bar rake, like new; John Deere "24" disc harrow, in good cond.; McD grain drill, fertilizer drill

New Holland elevator in good cond. with Hydraulic unit; John Deere wagon with bed, McD wagon with bed, Zook wagon with bed, in good cond.; Two Oliver 2-bottom 14" plows, cultipacker; McD corn planter with fertilizer attachment, tobacco planter, three section spring harrow; cattle cart

Two McD riding cultivators; two shovel harrows; two fore-trucks, buggy, new 7 h.p diesel, Wisconsin 4-cyl engine, overhauled, platform scales; feed and ensilage carts, sprayer, implement seats, some cast iron, 1,2,3,4,5, and 6 horse hitches, harness; bridles

EAR CORN

DAIRYING EQUIPMENT — Slanzi diesel, needs work, three Bo Matic milking units, Almo 4-unit milker pump, stainless steel wash tubs, strainers and buckets, etc

Sale at 10 00 a m

Owner
JONAS K. ESH

Abe Jr, Alan
Abe Diffenbach's Auctioneers

PUBLIC SALE

ANTIQUES, HOUSEHOLD GOODS, ETC.

SATURDAY, FEBRUARY 9, 1980

On the Henry Brubaker Farm, ½ Mile North of Route 422, along Route 645, Myerstown, Lebanon County.

Yellow Grained Dutch Cupboard with 2 - 6 Lite Doors, Large Slant Front Secretary with High Bookcase Top, 5 Leg Dropleaf Ext. Table with 8 Boards, Nice Old Corner Cupboard with 12 Lite Door, Several Sets of Plank Bottom Chairs in Lyre and Half Spindle Backs, etc. 2 Nice Old High Chairs, Captain Chair, Rockers, Oak Sideboard, Bed, Dresser and Small Tables, High Headboard Spool Type Bed, 2 Metal Beds, Empire Type Bureaus, Nite Stand, Wall Mirrors, Clothes Trees, Singer Treadle Sewing Machine, Drop Leaf Ext. Table, Bench, Blanket Chest, Gas Range, Frigidaire Refrigerator (Freezer Bottom), Chest Freezer, 2 Pc. Living Room Suite, Studio Couch, Platform Rocker, Asst. Rugs and Throw Rugs, Asst. Quilts, Comforters, Shawls, etc.

Large and Small Kerosene Lamps, Asst. Crocks, Butcher Fork, Tin Candle Mold, Old Slaw Cutter, Copper Tea Kettle.

Nice Assortment of Glass in Pattern and Pressed, etc. Asst. China, Asst. Knives & Forks and Kitchen Utensils, Set of Stainless Cookware, Old Tin Steamer, Agate Roast Pan & Canner, Myerstown Paper Wt. Jars and Freezer Supplies, Enterprise Meat Grinder, Lard Press, Step Ladder, Asst. Hand Tools and other items not mentioned.

Lunch Available.

LEAH B. MUSSER
Owner

Sale Time - 9 A.M.
Clerks — Hoover & Ogurcak
Auctioneers — G. Harvey Weik - 717-949-3126
Reuben Houser

Auct. Note: This is a nice Clean Lot of Furniture out of an Old Homestead and can be seen on Friday, February 8, 12-?

PUBLIC SALE

SATURDAY, FEBRUARY 16

10:00 A.M.

LIVESTOCK
Farm Equipment, Carpenters Tools and Equipment
Household Goods

Located on John King Farm, 6 miles south of Quarryville, 4 miles north of Wakefield, first farm south of Robert Fulton Tea House "Y", along Rte. 222.

LIVESTOCK

One pair 5 yr. old mules; One pair 6 & 7 yr. old black mules; One pair 4 yr. old black horses; One pair 9 yr. old black horses; 8 yr. old Bay driving horse.

FARM EQUIPMENT

Papec ensilage cutter with 22" pulley and pipe; John Deere 7' grass mower with engine and hydraulic lift; McD. 7' grass mower; John Deere crimper.

Oliver two-way plow; disc harrow; McD. 3-section spring harrow; New (Stoltzfus) 8' spring tooth harrow; steel roller; three riding cultivators; grain drill; two John Deere corn planters.

New Farm-Built steel wheel wagon with 16' bed; wagon with 18' bed; one set of Topeka Bolster springs; three fore-trucks; spring wagon; one horse sleigh; dirt scoop.

Four 12-hole Shenadoah hog feeders; one 12-hole hog feeder, like new; Pride of the farm hog waterer.

Slanzi 20 h.p. two cyl. rebuilt diesel; Antique Fairbanks gas engine; two Maytag gas engines.

70' 6" belt; V belts; 50 gallon drums, milk cans; window sash, doors and screens; 275 tomato baskets used one season; water pump with engine; cord wood saw; Champion 150,000 BTU portable heater; 20,000 BTU gas heater; gas water heater; lawn seeder.

Six sets of front gears; collars; bridles; halters; 1, 2, 3, 4, 5, and 6 horse hitches; log chains; chain binders.

Whiteman trowling machine; Stow porta-screed; 125 gallon air tank; portable drill for mortising; Wright saw; 8" belt sander; 8" table saw; Model 9 Briggs and Stratton engine; drill press; 20 ton Hyd. jack; Handyman jack; three units of steel scaffolding; 100' of 4" and 80' of 8" steel concrete forms; lot of 10" and 12" snap ties and form clips; mortar pan; bolt cutters; stockades.

Some household goods — iron kettle; two beds; crocks; gallon jugs; jars; elec. sewing machine head; some antiques; some dishes; etc.

Sale at 10:00 A.M.

Owner,
BEN R. KING

Aucts.
Abe Diffenbach,
Abe Jr. and Alan Diffenbach

Refreshments Available

CHEESE

VICTOR JUBERT
Plattsburg, NY

DAIRY DISPERSAL

FRIDAY, FEBRUARY 8

11:30 A.M.

Location - Sale to be held at Jack Wood's Farm, located on the Taylor Valley Road, 3 miles North of Cincinnatus, NY, off Rt. 26. Watch for auction arrows.

85 HI-GRADE & REGISTERED CATTLE 85

30 cows handling & bagging. Balance bred back for August, September, October calving. This dairy is a young dairy. Mostly 1st & 2nd calf heifers with outstanding udder & very good milking quality. Several cows milking between 70 to 90 lbs. plus 4 cows now milking over 100 lbs. of milk per day.

All cattle will be vet examined, Nasalogen sprayed, Pasteurella Bacterian, blood & TB tested, ready for immediate interstate shipment day of sale.

Inspection welcomed anytime, come & see these top cows milked.

TERMS - Cash or good check. I.D. required. Out of state buyer must have bank reference.

VICTOR JUBERT
Owner

Jack Wood's Livestock &
Auction Service
Cincinnatus, NY 13040
Sales Managers
607-863-4141

PUBLIC SALE

OF MILKING HERD, DAIRY EQUIPMENT & FARM MACHINERY

WEDNESDAY, FEBRUARY 6

11:00

In Cumberland County, 9 miles west of Carlisle or 13 miles east of Shippensburg, 1 mile off Route 174 (Walnut Bottom Road). From I-81 Newville Exit, turn south on Route 233 to Centerville, turn left on Route 174 to stone house, turn right on Mont Sera Rd. 1 mile from farm on corner of Creek Rd. Sale arrows posted from I-81.

31 HOLSTEIN COWS 7 ARE REGISTERED

4 fresh in Dec. - 1 in Jan. - 2 due in March - 3 due in April - balance in various stages of lactation.

Health Charts - Eligible for Interstate Shipment - Pregnancy Checked - DHIA Records Up to 24,000 lbs. of milk & 800 lbs. of Fat - This herd to year ending Oct. was 616 lbs. butter fat and was on top for 3 months. Current rolling herd average 15,517 of milk 3.7% & 580 lbs. of fat.

Elevation Tidy Willis daughter selling: Manor-Grove Elevation Glory as a 3 yr. old 23,272 lbs. milk, 835 lbs. fat. Other daughters selling include of Rockman; Silver Top Burke Captain; Fleetdale E-L-V Star; Pickland Citation R; Duelhaven Supreme J. Bred animals carry A.B.C. Service.

DAIRY EQUIPMENT: 400 gal. Dari-Kool tank 1½ h.p. compressor; Bou-matic FR3 Vacuum pump w-3 h.p. motor on steel tank; 3-60 lb. Bou-Matic milker pails; 10 Bou-Matic twin pulsation stall cocks; Bou-Matic pulsation controller; 3 standard claws, 2 with shutoff; 80 gal. high recovery electric water heater; Market 230 watt milkhouse heater; Semi-spray wash outfit; S.S. hand sink; 36 in S.S. single & double wash vats; LB-5 line dryer; No. 1600 & 1650 Bender washers releasers; Bender dumping station; Generator on cart, never used.

FARM MACHINERY: J.D. 530 tractor; N.H. 269 baler w-ejector; N.H. 259 rake; N.H. 8 ft. Haybine; mower-conditioner; wagon for bales; Little Giant 30 ft. elevator; J.D. 13 disc drill; Oliver 3 bottom 3 pt. plow; 2 flat wagons; disc harrow - packer; 4 section lever harrow; feed cart; 3 bale twine, etc.

Sale order: 11:00 a.m. not many small articles - machinery - dairy equipment - about 12:30 cows. Cow sale indoors. Snow storm date Wed., Feb. 13.

Terms: Cash, certified or approved check. Lunch Stand.

L. LOUISE ALEXANDER
R.D. 5, Carlisle, Pa.

Art. Rife, Auct.
Ph.-776-3645
Wickard & Sons, Clerks

Not Responsible For Accidents

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

FRI FEB 15 - 9 00 A M Public Sale of Livestock, Machinery and Some Household Items Located in Snyder Co , 1 mile south of Dry Valley on Penns Drive Rd , or 6 miles north of Selinsgrove, PA, 1 mile north of Kratzerville Bridge Joel D & Barbara Yoder Owners Mark Glick Auctioneer

FRI FEB 15 & 29 - Public Sale of Tractors, Machinery, Livestock, Crops, Trucks, Dairy Equipment. Located 1½ mile north of Downingtown-Coatesville Bypass (Rt 30, go north on Rt 82 to Monacy Rd , right on Monacy Rd. to farm on left, Chester Co , PA Sale by John H. and David M. Lamb Sale conducted by Whiteford Sales Co , L. Robert Frame Auctioneer

TOWNE TRACTOR EQUIPMENT AUCTION:

Turn unused tractors, implements, trucks, contractors equipment, tools, into cash at Towne Tractors Annual Auction Sale, Saturday, March 22. Consignments wanted, favorable rates, good market area, top professional auctioneers. We will pickup your consignment. Call Jack Wootton at Towne Tractor, Rt. 33, Freehold, 201-431-3838. (New Jerseys leading tractor dealer)

PUBLIC SALE

OF VALUABLE REAL ESTATE AND FARM MACHINERY

SATURDAY, FEBRUARY 23

AT 10:30 A.M.

At R.D. #1, Red Lion, Pa., York Co. approx. ¾ mile from New Bridgeville in Chanceford Twp. Take Douglas Road off Route 425 South. The undersigned will offer at public sale the following -

REAL ESTATE — FARM

Farm consisting of approx. 42 acres, majority in farming land, balance in pasture & small amount of woodland, good fertile soil, good spring, small stream goes through pasture. Improvements consists of a frame house with aluminum siding with a large modern kitchen & dining area with a built in dishwasher, double living room, bath, first floor is paneled, 4 bedrooms on second floor, attic, heated by oil hot air heat, good well of water, storm doors & windows, slate roof, house is in good condition, also frame summer house with fireplace, and a 36' x 84' frame barn with electric & running water, several box stalls, block milk house, silo, corn barn & garage. This farm is good for general farming, also ideal for horse farm or could be used in various ways. Good road frontage along Douglas Road. Farm will be open for inspection on Sat., Feb. 9 & 16, 10 A.M. to 4 P.M., by special appt. phone 927-6974 or call auct. Will be offered at 1 P.M. on day of sale. Terms: 10% down, balance by May 1, 1980 when full possession will be given.

FARM MACHINERY

J. Deere 50 tractor with live hydraulic PTO, 3 pt. hook up, with 45 loader, No. 5 mower, cultivators, 2 bottom pull type plow, Farmall H tractor, Case 130 baler, McDeering two row corn planter, 16' rubber tire wagon with sides, Oliver manure spreader, Oliver 10 hoe drill, J. Deere 40' elevator with drag, D. Bradley 8' rotary beater, Massey Ferguson 16" 3 bottom plow 3 pt., Int. 3 section harrow, cultivators for H Farmall, 12' lime spreaders, Int. 12 hoe drill, Int. transport disc, 3 section harrow, New Holland chopper, J. Deere disc, New United Tool one row corn picker, set of cattle racks, tobacco ladders, old silage cutter, J. Deere one hole corn sheller, 300 gal. gas tank, Sears hammermill, hydraulic cylinder, scales, 1965 Jeep 4 wheel drive truck.

PERSONAL PROPERTY

J. Deere 312 tractor like new with electric start with rear mounted rototiller & 4 ft. mower, Wizard 8 H.P. 3 speed riding mower with electric start, garden tractor with workers, 14' wood boat, Wizard 38" riding rotary mower, 40' wooden ext. ladder, several piles of asst. used lumber, incubator, several metal feed chests, Hudson 6 hole hog feeder, grindstone, jacks, fence charger, battery charger, log chains, wood stove, few pcs. of household goods, misc. hardware & usual small items off wagon.

FEED & LIVESTOCK

Approx. 500 bales of timothy & clover hay, approx. 2½ ton corn treated with Kemstore, 5 brood sows, 1 Berkshire boar, rabbit hutch & 4 rabbits, and other articles too numerous to mention. Not responsible for accidents on day of sale. Refreshments available.

TERMS· Cash or Approved Check.

SUELLEN E. GARNER
LARRY L. GARNER
Owners

Jacob A. Gilbert, Auctioneer
Phone 252-3591

Public Sales Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

FRI FEB 15 - 9 30 A M 2 Day Public Sale of Farm Machinery, Tools, Pickup Truck, Lawn & Garden Equipment, Butcher Equipment, Tools, Antiques, Household Goods and Travel Trailer, Located approx 3 miles east of Rt. 83, Exit 7 along Rt 124, (East Prospect St) near Locust Grove Or if coming from Stony Brook area turn off East Market St , south on Locust Grove Rd to East Prospect St Rd , turn right about 1 block to lane and place of sale, York Co , PA Sale by Roy & Janet Baker, Robert L & Thomas H Sechrist Auctioneers

FRI FEB 15 10 00 A M Public Sale of Horses, Dairy Cattle and Farm Equipment Located 4 miles southeast of Strasburg, 3 miles northeast of Georgetown, between Rt 896 and White Oak Rd , along Peach Lane, Lancaster Co , PA Jonas K Esh Owner Abe Diffenbach's Auctioneers

FRI FEB 15 - 10 00 A M Public Sale of Livestock & Farm Equipment Located 4 miles southeast of Strasburg, three miles northeast of Georgetown, between Route 896 and White Oak Road, along Peach Lane, Lancaster Co., PA Jonas K Esh, owner Auctioneers - Abe Diffenbach, Abe Jr and Alan Diffenbach

SAT FEB 16 - 10 00 A M Public Sale of Livestock, Farm Equipment, Household Goods, Carpenters Tools and Equipment, Located on John King Farm, 6 miles south of Quarryville, 4 miles north of Wakefield, first farm south of Robert Fulton Tea House "Y" Along Rt 222 Ben R King

SAT FEB 16 - Public Sale of Draft Horses and Farm Equipment, Held in Jackson Twp , Lebanon Co , PA, 2½ miles north of Rt 422 and Lebanon Valley Air Park, Myerstown, PA Sale for Elam Lapp, Earl S Buffenmeyer Auctioneer

SAT , FEB 16 - 6 30 P M Danville Livestock Market, horse sale Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT FEB 16 10 A M Lowerys Public Sale of Antiques, Lights and Tools located at 580 West Main St , Mt Joy, Pa Sale by E V (Larry) Lowery C H Wolgemuth, Auctioneer

SAT FEB 16 - 9 00 A M Public Sale of Valuable Farm Equipment & Antiques Located 18 miles NW of Allentown between Pleasant Corners and New Tripoli near Northwestern High School, Turn S off Rt 309 at Hamm's Drive-In for ¼ mile to second farm, Lehigh Co , PA Sale by Mrs Carl Peter Ralph W Zettlemoyer Auction Co

SAT FEB 16 - 10 00 A M Public Sale of Livestock, Farm Equipment, Carpenters Tools and Equipment, Household Goods Located on John King Farm, 6 miles south of Quarryville, 4 miles north of Wakefield, first farm south of Robert Fulton Tea House "Y", along Rte 222 Ben R King, owner Auctioneers Abe Diffenbach, Abe Jr and Alan Diffenbach

SAT FEB 16 - 10 00 A M Public Sale of Tools & Inventory Reduction Sale for Pequea Woodworking Held at the Ronks Fire Hall, 6 miles east of Lancaster, PA on Rt 30, turn left at N Ronks Rd At traffic light go 1 mile to fire hall on left (Firehouse is right at railroad underpass) Auctioneers Alvin L Miller and Elvin Siegrist

SAT FEB 16 - 1 00 P M 20th Production Sale held at Duke's Feeder Pig Sale barn, Salisbury, MD, go south Rt 13, 3 miles south of Salisbury, turn on Stockyard Rd Frank Feeser, Taneytown, MD Auctioneer Don Jayner

SAT FEB 16 - Public Sale of 2 Drumore Twp Farms, In Drumore Twp, 19 miles south of Lancaster, PA, take Rt 272 south and 1½ miles south of Buck, take Silver Spring Rd , west approx 4 miles to farms Adjoins Ecklin Farm & the Muddy Run Reservoir on Silver Spring Rd John M & Sally M Gibson Owners Claude F Smith Auctioneer

MON FEB 18 - 9 30 A M Consignment Sale Located at S Race St , Myerstown, Pa 17067 Sale held by Wenger's Farm Machinery, Inc

TUES FEB 19 - 9 00 A M Public Sale of Horses, Dairy Cattle, Machinery, Some Furniture including Some Antiques Located in Mifflin Co , 2 miles NE of Reedsville, PA on Church Lane Rd Mr & Mrs Jacob Y Hostetler Rd, Reedsville, PA Owners Mark Glick, Reedsville, PA Auctioneer.

WED FEB 20 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co , Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth, J Fry and L Horst, Auctioneer

THURS FEB 21 - Public Sale of Dairy Cattle and Farm Equipment Held in South Annville Twp , Lebanon Co , PA, along Rt 322, ½ mile east of Fontana Sale for Mark Ebersole Earl S Buffenmeyer Auctioneer

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PUBLIC SALE

OF 17 ACRES FARM LAND AND FARM IMPLEMENTS

Brecknock Township

SATURDAY, FEBRUARY 9

At 12 Noon
REAL ESTATE AT 2 P.M.

Located along Rt. 897 (approx. 3 miles South of Swartzville & ½ mile North of Fivepointville), Brecknock Township, Lancaster Co., Pa.

17 ACRES (more or less)
13 ACRES TILLABLE

HOUSE #1 — 2½ STORY STONE AND VINYL SIDED DWELLING containing 5 bedrooms & full bath on second floor. Large eat-in kitchen with many built-in cabinets, living room and parlor Laundry and full bath in lower area. Oil fired hot water heat, storm windows and doors

HOUSE #2 — 2 STORY VINYL SIDED DWELLING containing 2 bedrooms, eat-in kitchen, living room and dining room, storm windows and doors.

32'x40' Frame Barn, equipped for steers.

3 Car Block Garage and Work Shop. Corn Crib.

Open House, Sat., Jan. 26 and Sat., Feb. 2 from 12 Noon to 4 P M. or for information or inspection call 445-6907.

This farm is located in farming area of Lancaster County with plenty of privacy. Located just off Rt. 897.

FARM EQUIPMENT

JOHN DEERE M TRACTOR (on rubber), Plow and Buzz Saw; 65 MASSEY FERGUSON (gas on steel); 16' Flat Wagon (on rubber); 7' Ford Mower 3 pt.; 2 row Dearborn Cultivator (3 pt); 2 row 3 pt. John Deere Corn Planter (246-247); 1 row New Idea #7 Corn Picker, 7 Tooth John Deere Chisler (3 pt.); 15' Smoker Elevator, 15 Disc Grain Drill (Massey Harris); John Deere 24 KBA Disc; 3 Section Harrow; 2 Section Harrow, 10' Drag; New Idea Manure Spreader #12A.

Sauder Loader (2 Set Attachments — Ford & Massey), Corn Sides; Dunham Cultipacker 9'; 12 Hole Round Hog Feeder; 10' New Holland Fertilizer Drill; 2 Section Spike Harrow; Platform Scales, Small Round Pax Hog Feeder, Hog Trough, Sears Oil Space Heater (Elec Ignition & Fan), 275 gal. Oil Tank, 30 Wire Bottom Rabbit Pens with Feeders (Hay Rack — Water Bottles and Water Dishes); Cooper Tubing, Scrap Iron, Sump Pump Motor, Electric Fixtures; Plastic Pipe, 4" - 10', Daisy Hog Water, 55 gal Drum, Wood Burning Stove, Concrete Blocks, 2 Saw Bucks, Window Sash & Panes, Shafts, Galv & Plastic Pipe; Vinyl Siding, Soffits & V Channels, Stepladder, Berry Boxes & Crates, Picture Frames, Screen Door

1 JERSEY COW (due in March)
APPROX. 8 TON EAR CORN
HOUSEHOLD GOODS

Cedar Wardrobe, Bench 4', Electric Lights, Linoleum, Crib, Electrolux Sweeper, Stand, Dated Qt & Pt Jars, Gallon Jugs and other articles to be sold

Terms By,
BENJAMIN S. MARTIN

T. Glenn Horst, Auct
Timothy G Horst, Auct
859-1331
J Marlin Shreiner, Atty

Not Respons For Accidents

PUBLIC AUCTION

OF FARM EQUIPMENT

MONDAY, FEBRUARY 11

11:00 A.M.

Location: Take route 501 North from Myerstown toward Bethel where 501 turns left toward Bethel. Go straight toward Rehrersburg to Airport Road, turn left to Farm on right. OR: Take route 78 East from route 81 to Bethel Exit, thru town of Bethel to Airport Road, right to Farm on left. Berks County, Penna.

Oliver 1755 Diesel

with over/under hydraulic shift and weights, 1390 hours, like new.

Oliver 1850 Diesel

with hydra-power, W.F.E., and weights.

Oliver 880 Diesel
Massey Ferguson 30 Diesel

Industrial Farm Tractor with 3-pt. hook-up, live pto, shuttle shift, hydraulic outlet, and No. 32 Industrial loader with Bucket and Fork.

Kubota B7100 4WD Tractor

with Mott Flail Mower, plow, lawn tractor and cart. BUSH HOG 23-FOOT WING DISC with Mid-west rakes; JOHN DEERE 7000 4-ROW CORN PLANTER with Auger Fill and Applicators; GEHL MODEL E320 SILAGE MIXER WAGON with Electronic Scale, Like New; OLIVER 7x18 SPRING-TRIP SEMI-MOUNTED PLOW; Gehl 350 Tandem Axle Manure Spreader; Bush Hog 15-Foot Wing type rotary cutter; Gehl Hi-Throw Hopper Blower; King Wyse 32-Foot Elevator; Brillion 15-Foot inboard cultimulcher with Crow foot rolls; Flatbed wagon; New Holland pto Spreader; Farm trailer; Taylor-Way 13 or 15 tooth Chisel plow; 2 Hay wagons; 3-point posthole digger; King Wyse corndrag; John Deere Sub-soiler; Lebanon Valley Mixer; WINCO 20 KW GENERATOR on trailer, like new; Fox 30-inch 3-row head; horsedrawn dump rake.

1975 International
1800 Truck

36,000 GVW, 12,000 Front axle, Bostrum seat, air brakes, step saddle tanks, new rubber, with Aluminum dump grain bed with Cattle gate, only 33,000 miles. FORNEY 250 AMP WELDER; MUMMAU CATTLE CATCHER; Schaeffer Sittnen Cattle scratchers; used 16.9x34 tractor; Walsh 500 lb. pressure washer; Howard rear-tiller; roto-tiller; portable Air compressor; 4-ton Floor Jack; Bench grinder; Bench Vise, Molasses Feeding tank; Gas Boy Manual Fuel Pump; Aluminum 40' Extension ladder; 40 unbreakable type packer wheels; tires, tire chains; Electric Cords; various size hydraulic Cylinders; 1 ton chain hoist, AGWAY PORTABLE GENERATOR; Air tank, Remington SL11 Chain Saw; Miller Falls hand sander; 12 ton hydraulic jack; 1" pulling cable; 4 H-70 15 tires; Heavy Hoist trolley; Lawn mower; 15 gallon aluminum paint; log chains; Fence post; 2 sets tractor chains, Bicycles; Remington 22 pump rifle; Forks, shovels, brooms and many other items.

Auction By,
ELMER S. HOOVER
R.D. 1100
Bethel, Pa. 19507
717-933-4826

Auction Conducted By,
John E and Paul E Martin, Auctioneers
717-733-3511—717-733-3305
Ephrata, Pa

Note: Plan now to attend this Auction. Do not miss this fine lot of Farm Equipment.

Food At Auction

TWO (2) DAYS
PUBLIC AUCTION

FOUR (4) TRACTORS — MACHINERY — LIVESTOCK — CROPS TRUCKS — DAIRY EQUIPMENT

FRIDAY, FEBRUARY 15 at 11:00 A.M.
85 Head of Registered High Grade Holstein Dairy Cattle, Crops and Dairy Equipment
FRIDAY, FEBRUARY 29 at 11:00 A.M.
Farm Machinery, Trucks.

Three (3) miles north of Coatesville:

Location: One & one-half miles north of Downingtown-Coatesville Bypass (Route #30) go north on Route #82 to Monacy Road, right on Monacy Road to farm on left, Chester County, Pa.

FRIDAY, FEBRUARY 15

at 11:00 A.M.

Seventy (70) head of Holstein cows; 45 head fresh in last 3 months; 12 dry, due to freshen, balance in full flow in milk. DHIA records, last test January, herd ave. 50 lbs. ABC Breeding, some home raised. 14 head of Holstein heifers & bulls, 4 months old. Holstein stock bull. Health charts, day of sale.

Bou-Matic pipe line milker, 5 units, 2" glass pipe line, set up for 3-rows; 34 stalls, visi nipples; Girton 300 gal. bulk tank; Klenzode auto. tank washer; 3 wall-mtd. ventalator barn fans; 200 tons of corn silage; 200 tons of haylage & ryelage; 2,000 bales mixed alfalfa hay; 140 tons ear corn; (Girton 400 gal. bulk tank; Mojonnier 325 gal. bulk tank; 18 x 60 & 20 x 60 Fickes silos; Jamesway 20' silo unloader, 7 hp. motor; Badger 18'silo unloader, if farm is rented by sale day, these 6 items will not be sold)

FRIDAY, FEBRUARY 29

at 11:00 A.M.

Int. '686' dsl., wide-front, roll-bar roof, 966 hrs. tractor; Int. '656' dsl. Row-Crop tractor; Int. '574' dsl. utility w/'2250' Mount-O-Matic loader, bucket & manure fork w/Diff-lock; A.C. 'G' tractor w/plow, Motts mower, cult., side mower & 2 sets gang mowers; Int. '350' 11.6 transport disc; Int. '540' semi-mtd. 16" 4-b, 3-point hook-up plow; Int. #7 6' flail chopper; 2 - Int. '105' forage wagons, 3 beaters w/Int. '330' gears; Int. '400' Cyclo 4-row corn planter; Int. '55' chisel plow, 3-point hookup; Int. '35' roto-bar rake; Int. '990' 9' mower conditioner; Int. #56 PTO hopper blower; Int. '249-A' 2-row corn planter, pull type; Int. '37' pickup baler w/#10 kicker, PTO; Int. '100' 7' mower, 3-point hook-up; Int. & Grove wagon gears; 2 - J.D. 13-disc grain drill; N.H. 'Super 717' forage harvester w/1-row head & hay pickup; Mayrath 40' corn & hay elevator, PTO w/electric motor mount; Smoker 24' bale elevator; 2 bale wagons 16' w/N.H. & IHC gears; 2 bale wagons 18' w/electric wheel gears; 2 - McCurdy grain wagons, 6-ton gears; New Idea '319' 2-row mtd. corn picker, 12 rolls, 2 yr. old, picked 150 acres, mountings for Int. '656'; Century transport 200 gal. tank field sprayer w/32' booms; s. cultipacker; New Holland '676' tandem axle, manure spreader, s. beater w/hyd end gate; MF 8' 3-point disc; cement 3-point hookup tractor weight; Jamesway 27' silage conveyer, new; 1,400 bus. wire corn crib; upright 6-ton feed bin; following equipment fast hitch; Int. 12" 3-b. plow, Danuser 12" post hole digger, Mott 7' mower, Int. 2-row corn planter, Int. 8' wide spring tooth harrow, Int. 7' sickle bar mower, Case 7' stalk shredder, 2-wheel flat hay wagon; 2 feed carts; AC ele. welder, 225 AMP; wagon load of miscellaneous tools; VEHICLES: 1978, Ford 'F-250' Ranger 3/4-ton pickup, 24,000 miles, Super Cab, 4x4, 10-ply snow tires; AM 8-track radio, PB, P steering, power angle snow plow; 1976, Ford 'F-100' Ranger, 45,000 miles, ½-ton PS, PB, air, radial tires; 1979, Real-Lite 11½' truck camper, sleeps 6, stove, oven, hot water shower, bathroom

TERMS: C-A-S-H or Approved Check by Whitford Sales Company.

By the Order of:
JOHN H. LAMB, SR.
DAVID M. LAMB
215-383-4285

Sale Conducted by;
Whitford Sales Company
L Robert Frame, Auctioneer
Box 98 Uwchland P.O.
Eagle, Pa. 215-458-5060

"Chester County's FOREMOST Auction Company"

FIGHT FIRE WITH COMMON SENSE!

ANNUAL HORSE SALE

Belleville Livestock Market, Belleville, Pa.

SATURDAY, FEBRUARY 9, 1980

At 11:00 A.M.

Selling will be six good broke young Belgium horses from John Dilling, some Western draft horses, young and good color, some teams and other local consignments of mules, draft horses and standard bred horses. We will have buyers for your meat horses.

SPECIAL SPRING SALE DATES: Machinery-Fri., March 7; Easter Lambs & Goats - Wed., March 26; Heifer Sale - Fri. Evening, April 25

Mark Glick Auctioneer

BELLEVILLE LIVESTOCK MARKET

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

THURS FEB 21 - Horst Machinery Sale Located ½ mile east of Marion, PA Ralph W Horst Sale Manager

FRI, FEB 22 1 00 P M Sale of Bred Gilts, Open Gilts & Boars Located at the Lebanon Fairgrounds, Lebanon, Pa Sale by Leon, Lawrence, & Thomas Arnold For information write or call Leon Arnold, Rt 7, Box 705, Lebanon, Pa 17042, 717-273 5880

FRI FEB 22 10 A M Public Sale of New and Used Farm Equipment located 10 miles East of Lancaster and 2½ miles West of New Holland Turn off Rt 23 on South Groffdale Road to Mussers School Road, Terms by Elias S Beiler Robert E Martin and Son, Frank L Steller, and Blain Rentzel, Auctioneers

FRI FEB 22 - 9 30 A M Public Sale of Horses, Dairy Cattle, Machinery and some Household Items Located in Centre Co, 4 miles east of Aaronsburg, PA, turn south off Rt 45 on Fiedler Rd, 2nd farm Enos and Rebecca Hershberger, Rd Woodward, PA Owners Mark Glick Auctioneer

FRI FEB 22 - 11 00 A M Horse Sale, held at New Holland Sales Stables, New Holland, PA

SAT FEB 23 - 10 A M Public Sale of Full Line of Farm Machinery, Hay, Straw, Ear Corn, 990 David Brown Tractor & Household Goods Located ¼ mile East of Honey Brook on 322 Terms by Victor R & Ruth E Weaver Auctioneer Steve Petersheim

SAT FEB 23 - 11 A M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc, Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Larry Long Auctioneer

SAT FEB 23 - 6th Annual Sale of the Strasburg Fire Co #1 to be held at the fire house Miller and Siegrist, Auctioneers

SAT FEB 23 1 00 P M Public Sale of Bred Gilts, Open Gilts & Boars, Sale held by Calvin H Lazarus & Sons (Duroc, Yorkshire & Spotted) at our farm in Whitehall, PA, with guest consignor Terry Bennecoff & Son (Hampshire & Berkshire), Harlan Wessner & Family (Landrace) For Catalog - Calvin Lazarus, 4290 Bridge St, Whitehall, PA 18052 215 799 3375

SAT FEB 23 - 9 A M 2nd Annual Auction of New and Used Farm Equipment by Agricultural Industrial Equipment Co, Telegraph Road, Rt 273, Rising Sun, MD

SAT FEB 23 10 00 A M Public Sale of Shop Equipment, Antiques & Household Goods, Located along Rt 896 between Ninepoints, PA and Andrews Bridge Sale by Christian E Stoltzfus, Lloyd H Kreider & Randall V Kline Auctioneers

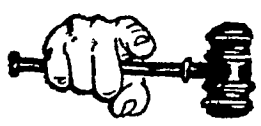
SAT FEB 23 10 30 A M Public Sale of Valuable Real Estate and Farm Machinery Located at Rd 1, Red Lion, York Co, PA Approx ¼ mile from New Bridgeville in Chanceford Twp take Douglas Rd off Rt 425 South Suellen E Garner and Larry L Garner Owners Jacob A Gilbert Auctioneer

FEB 23 Reuben G Stoltzfus - Daniel J Rhodes Consignment Sale of Horses, Mules, Dairy Cattle, Farm Equip, Household Furnishings Heidelberg Twp Leb Co, Pa ½ Mi West of Reistville & Rt 501 Buffenmeyer & Snyder, Auctioneers

SAT FEB 23 - Consignment Auction of Tractors, Farm Machinery, Etc Located at Howard Visscher's Farm in Nichols, NY Howard Vischer & Ed Goodrich Jr Auctioneers

MON FEB 25 - 11 30 A M Public Sale of Tractors Farm Machinery, Truck, Grain Equipment Located 5 miles east of Honey Brook, 8 miles west of Downingtown at Tank Farm, Rt 322 go north on Chestnut Tree Rd, 1 mile turn left on Greison Rd to farm, Honey Brook, PA Sale by Peace and Plenty Farms, Whiteford Sales Co, L Robert Frame Auctioneer

PUBLIC SALE



OF NEW, USED AND ABUSED FARM MACHINERY AND ANTIQUES

FRIDAY, FEBRUARY 22, 1980

At 10:00 A.M.

Located 10 miles east of Lancaster, 2½ miles west of New Holland, turn off of Route 23 on South Groffdale Road, turn left on Mussers School Road, Lancaster County, PA.

TRACTORS

930 Case C.K. with PTO and Side Pulley available; Massey Ferguson 97 Diesel; I.H.C. 600 Diesel; I.H.C. 560 Diesel; I.H.C 650 Diesel; Allis Chalmers D.19 Gas Wide Front End; McCormick W9 Gas on steel; Farmall M; Farmall H; I.H C 184 with Loader 75 hrs Low Boy; Ford 8 N.

ANTIQUES

1920 McCormick Deering 8-16 Tractor; 1920 Traylor 6-12 built in Cornwall, PA; Farmall Regular; Fordson Standard Garden Tractors; Hit and Miss Gas Engines; Cast Iron Seats; Victor Seats; Cast Iron Water Troughs; New Holland Plate Mill; Arthur and Young Water Pump; Ross Fodder Cutter; Steam Whistle.

NEW MACHINERY

323 N.I. Picker; 206 N.I Spreader; 404 N.I Wheel Rake; 8 ft. Brillion Packer Seeder; New Wagon Running Gears; Lely Ground Drive Fertilizer Spreader; 9 ft. Spring Harrow; N I 212 PTO Spreader; N.H. 213 PTO Spreader

USED EQUIPMENT

N.H. 275-273 Balers with Super Sweeps, J.D 1240 4 Row Plateless Cornplanter; 323 N.I Picker; 206 N.I Spreader; 56 New Holland Rake; 640 J D Rake, N H. 451 Mower; 8-9-10 ft Cultipackers, Plow Packer; Steel Land Roller; J D 24 and 32 Blade Transport Discs, J.D. 16-20-24 and 28 Blade Pull Type Discs; 8-9-10 and 12 ft Spring Harrows; Ford 3 pt Cultivator, McCormick Horse Cultivator; 1 Horse Garden Cultivator; McCor No. 7 and No. 9 Cutters, Papec 16" Cutters; McCor Rotary Scythe; N.H. 404 Crusher; N.I. 751 and 752 Cusher; Nickelson and Grimm Tedders; N.H Trailer Mower; McCor No. 9 and J D No. 4 Horse Mower.

McCor. PTO Cornbinders with Loaders; McCor Ground Drive Cornbinder; McCor 2 and 4 Row Cornplanter; Oliver 13x7 Grain Drill; McCor. Cub Disc; 16 ft. Aluminum Elevator; Papec 13" Hammer Mill; J.D. and McCor. 2 Way Plows; Oliver 12-14" Trailer Plows; Oliver Single Bottom Plow; Potato Plow; 1 Row Potato Digger; N.I. 4 Bar Rake; Case 4 Bar Rake; Perry Spring Harrow; 8 ft Roller Harrow; N.I 12A-17-206 Spreaders; McCor 100-200 Spreaders; McCor and Iron Age Potato Planters, 2 Row Iron Age Planter; N.I Tobacco Planter; Minnich Bale Box; Oliver Walking Plow, 1 Horse Spring Wagon; Chain Hoist; Wright Saw, 1-2-3-4-5 Horse Hitches and many, many other articles too numerous to mention Truck load of new tools. Small items off the wagon will be sold first

TERMS CASH. NO OUT OF STATE CHECKS ACCEPTED EXCEPT APPROVED BY OWNER, CLOSED SUNDAYS.

Terms By

ELIAS S. BEILER

Auctioneers:
Robert E. martin & Son, 656-7770
Frank L. Steller, 656-8195
Blaine Rentzel

NOT RESPONSIBLE FOR ACCIDENTS

PUBLIC SALE

DRAFT HORSES
FARM EQUIPMENT
HOUSEHOLD FURNISHINGS

SATURDAY, FEBRUARY 16

Situated along Strack Road. Jackson Twp. Leb. Co. Pa. 2½ mile north of Route 422, and Lebanon Valley Air Park, Myerstown.

7 HORSES, 1 MULE

Pair Sorrel Horses 5, and 7 year old, Weighing 2800 lb.
Pair Black Horses aged - Weighing 3000 lb.
Sorrel horse 11 year old, Weighing 1800 lb.
Red Roan Mare 12 year old, Weighing 1700 lb.
Gray Mare 9 years old, Weighing 1400 lb.
Buckskin Mare Mule aged, Weighing 1200 lb.
Harness, Collars, bridles, halters.

Guernsey Heifer due in March, 1st. calf.

FARM EQUIPMENT

New Idea 323 single row corn picker with engine and foretruck, McCormick corn binder with wagon elevator, McCormick 8 ft. grain binder, New Idea hay conditioner with engine, and foretruck, John Deere #4 7ft. mower, John Deere mower-parts, Little Giant 34 ft. elevator, Little Giant 27 ft. 6" grain auger, 2 wagons with flat beds, Kill Bros. gravity grain bins, John Deere 490 4 row corn planter, Oliver 2 bottom plow, 9 ft. double soil pulverizer, John Deere KBA 24-20 disk harrow, Case 8 ft. spring tooth harrow, 12 ft. peg tooth harrow.

John Deere 999 corn planter, 10 ft fertilizer spreader, 800 gal. liquid manure spreader, 2 New Idea 10-A manure spreaders, hay tedder, 110 gal field sprayer with engine, 1 and 2 row riding cultivators, Gruber wood Wheel wagon, Wagon wheels, Auto steer foretruck, 2 wheel horse cart, 1200 gal portable air tank, Lincoln 225 amp engine driven welder, 2- 12 hole Pride of The Farm hog feeders, 1-Smidley 12 hole hog feeder, 4 hole hog feeder, Pride of The Farm frost proof cattle, and hog waterer, Daisey hog waterers, Hydraulic Engine driven power unit, hydraulic motors, feed carts, bag truck, cattle head gate, Cattler oilers, Battery fence charger, hand seeder, single and double trees, steel cable, hay and grain forks, assorted framing lumber, Bolts and Numerous other items.

FEED

4 ton 1st, 2nd, and 3rd cutting Alfalfa hay.
4 ton clover hay.
30 ton Ear Corn.

HOUSEHOLD FURNISHINGS

3 piece Oak Bed Room suite, Steel single bed, 6 oak kitchen chairs, rockers, Parlor desk, china closet, coal space heater, single butcher furnace, Iron Kettle, scalding trough, sausage stuffer, meat grinder, 3 prong meat fork, stirrer, Etters hand pump, pitcher pumps, twin rinse tubs, tier table, occational table, 3 piece set porch furniture, small butter churn, barrell butter churn, butter churn to fit Maytag washer, porch swing, berry crates, canister set, kitchen tool set, dish pans, kerosene lambs, waffle irons, 2 Rosevelle vase, glassware, china, crocks, fruit jars, plated flatware, Homemade carpet, throw rugs, bedding, linens, 2 hand lawn mowers, and numerous other items.

Order of Sale: Household, Small tools, Machinery, Livestock

Sale to commence 9:30 A.M.
Conditions by:

ELAM G. LAPP, Owner

Auct. — Earl S. Buffenmeyer
Clerks — Zug and Brandt

Refreshments — Amish Schools

PUBLIC AUCTION

OF PEQUEA WOODWORKING
Tools & Inventory Reduction Sale

SATURDAY, FEBRUARY 16

10 A.M.

Sale to be held at Ronks Fire Hall, 6 miles east of Lancaster, PA. on Route 30. Turn left at N. Ronks Road. At traffic light go 1 miles to fire hall on left. (Firehouse is right at railroad underpass.)

10" Rockwell Unisaw w/long extension bars: 12" bandsaw w/stand; 1/2" Spindle shaper w/stand (new spindle & bearings); 10" B & D Dewalt Radial arm saw w/8 amp. air motor & stand; 9" Rockwell power mitre saw w/6 amp air motor, 9" Rockwell power mitre saw w/electronic motor; 3-9" carbide-tipped saw blades for mitre saws; 2-10" 60-T carbide-tipped saw blades; assortment of 1/2" Bore shaper cutters; 24" scroll saw w/stand; 48" Fletcher Terry auto wall-mounted glass cutter; 10 pcs. 4 1/2' steel scaffolding w/braces & pins; lg. dust collector blower; heavy duty Duo-fast nail gun (shoots 7 D com. to 16 D com nails) like new; Senco finish nail guns (shoots 6 & 8 D finish nails); gas circular saw; air drills; air sanders, electric drills; sabre saws; approx. 50-3/4" pony pipe clamps in various lengths; misc. hand tools & hardware; nails; 2 Briggs engines; several air motors; 2 Coleman twin mantle lanterns; Warm Morning woodstove, brick-lined; 3 brand new appliances out of showroom–20.2 cu ft. G E Refrigerator, G E Dishwasher (Pot Scrubber), 30" Magic Chef Range–all Almond Color, new U 14 lg Grandfather Clock movement w/moving moon dial Solid Walnut Grandfather Clock w/moving moon dial, 1 doz walnut & pine clock cases w/o movements, walnut & cherry lumber, wood mouldings, spokes, magazine racks, bookcase, assortment of cabinets, 30" raised panel knotty pine vanity w/marble-top & faucet, 36" brown walnut marble-top, assortment of Formica, faucets, custom wood hoods, Harvest Gold 30" hood w/fan & light, set of 4 picture frame clamps, new wood insulated glass tempered Carvel patio door 6'0"X 6'8", new raised panel cherry corner cupboard completely assembled (unfinished); new alum. awning-type window 36" x 42", used 36" alum. storm door, new 36" x 6'8" - 1¾", solid oak 4-panel door (finished lt. oak), new 36" x 6'8" - 1 3/4" ext 9-lite raised panel door (fir-primed), new 36" x 7' steel door; 2 - 8' overhead garage doors (used); red birch & oak cabinet facing in various widths, Vermont Barn siding, several 5/4" x 8" ext. pine door jambs w/brick mouldings, several 3/4" interior pine door jambs, 4 pr. 16" x 67" brown vinyl shutters, cabinet hardware, hinges; pulls; knobs; metal sink cabinet, new squirrel cage blower for custom hood (solid state), 100' roll of tack rag; case of wood putty, wipe-on stains, lg assortment of Demension 2000 Phenolic Epoxy paint, 2 - 5 gals lacquer, 2 1/2 gal spray pot complete w/regulators, like new, 1 case Teri Towels, several hundred sanding discs & sandpaper; misc building supplies, tin flashing & alum, 5 rolls

ALL TOOLS IN GOOD CONDITION

Sale by:

PEQUEA WOODWORKING
JACOB Z. STOLTZFUS, Owner

Not responsible for accidents
No out-of-state checks

Auctioneers
Alvin L Miller
Lancaster, Pa 392-1547
Elvin Siegrist
Ronks, Pa. 687-6857

Food by Ladies Auxiliary of Ronks Fire Co.

Public Sales Register

**Closing Date - Monday, 5:00 P.M.
of each week's publication**

SAT FEB 23 - 11 00 A M Public Sale of 66 Acres Located 2 miles SE of ...nd, ½ mile SE of As...tate Hospital along ...ountain Springs to ... Rd in Burler T... ...ylkill Co , PA (Turn ... off Rt 61 at O... ...ar in the Village of Fo... ...n Springs) Sale by Catherine E Richards George and Mike Deibert Auctioneers

CANCELLED

MON. FEB 25 - Public Sale of Farm Equipment. Located 2 miles West of Blainsport, Pa along Rt 897. Sale by Eugene K & Linda S Martin Auctioneers John E & Paul E Martin

TUES. FEB 26 - Farm Equipment & Household Goods Located along Rt 322 one mile East of Blue Ball Sale by Clarence B & Barbara Martin Nevin Z Martin & Lewis B Groff Auctioneers

TUES , FEB 26 10 A M Farm Equipment, Household Goods & Livestock Located 1 mile west of Hinkletown just off Rt 322 on Cabin Rd Terms by John R Zimmerman Elton & Alvin Horning, Auctioneers HORNING FARM AGENCY, INC

TUES FEB 26 - 10 00 A M Public Sale of Horses, Cattle, 33 Brood Sows, Feeder pigs, Machinery and Some Household, Located in Mifflin Co , 1 mile north of Milroy, PA on the back Mt road John E Hostetler Rd., Milroy, PA Owner Mark Glick, Reedsville, PA Auctioneer

TUES FEB 26 - 10 00 A M Public Sale of Mules and Horse Drawn Farm Equipment & Milking Equipment Located 1½ miles west of Christiana, PA on Rt 372 Sale by Jacob G King. Auctioneers Ira Stoltzfus and Son and Jay Leary

WED , FEB 27 - Full line of Farm Machinery, 806 Diesel Int Tractor, A-1 condition Located 2 miles South of Cochranville, 6 miles North of Oxford from Rt 41 take Rt 10 South to High Point Rd , go west, first farm on left Chester Co , Pa Terms by James E Richey Auctioneer Steve Petersheim

WED FEB 27 - 11 00 A M Public Sale of Farm and Irrigation Equipment Sale for Stern Brothers, Brewster Rd & Chestnut St , East Vineland, NJ From PA Use Rt 322 to Rt 77 to Rt 40, From South use Rt 40, either rte will lead to Brewster Rd , signs will be posted there leading to the sale Slicker & Scott Auctioneers

THURS FEB 28 - 10 A M Public Sale of Farm Machinery Located 5 miles North of Oxford, 1 mile North of Russelville along Rt 896, Chester Co , Pa Terms by Jacob K Stoltzfus Leon Kurtz Auctioneer, J Omar Stoltzfus Apprentice Auctioneer

THURS FEB 28 9 00 A M Public Sale of Horses, Dairy Cattle, Machinery and some Furniture Located in Mifflin Co , 2 miles west of Belleville, PA turn north off Rt 655, 1st farm, Rebecca Swarey Rd , Belleville, PA Owner Mark Glick Reedsville, PA Auctioneer

THURS FEB 28 - Public Sale of Farm Equipment Held in South Lebanon Twp Lebanon Co , PA, along Mine Rd , 1 mile east of Avon, ¾ mile south of Rt 422 Sale for J Harold Bennetch Earl S Buffenmeyer Auctioneer

THURS FEB 28 - 10 00 A.M Hornings Public Sale of Farm Equipment. Located between Ephrata and Millway, Ephrata Twp , Lancaster Co , Along Meadow Valley Rd. off Rt 272 and 322, watch for signs on Rt 272 & 322 near Ephrata, PA Edwin Horning Owner Ralph W Horst and Blaine Rentzel Auctioneers

FRI FEB 29 - 9 30 A M. Public Sale of Horses, Dairy Cattle, Machinery and some Furniture Located in Centre Co , 1½ miles east of Aaronsburg, PA turn south off Rt 45 at Cemetery, Mr & Mrs Michael N H Spicher Rd Aaronsburg, PA Owners Mark Glick, Reedsville, PA Auctioneer

FRI FEB 29 - Public Sale of Farm Machinery and Hay Located adjacent to Solanco High School, Quarryville, Pa Sale for Maurica Welk, Kreider and Petersheim Auctioneers

FRI FEB 29 - Landisburg, Pa 60 Top Holsteins Cows & First-calf Heifers—V A Kling Owner

MARCH

SAT MAR. 1 - 16th Annual Bart Twp Fire Co Sale, Bart, PA

SAT. MARCH 1 - 9 A M Farm Machinery & Consignment Sale Donald Scheese, R D. 2, Elmer, NJ (Cohansey Friesburg Rd.) Auctioneer Blaine E Rentzel.

SAT MAR 1 - 9 30 A M Public Sale of Beef Cattle, Machinery, Some Antique Furniture Located in Centre Co , 3 miles east of Pleasant Gap, PA, turn south off Rt 64, Dean and June Tressler, Rd 5, Bellefonte, PA Owners Mark Glick, Reedsville, PA Auctioneer

TRUCK LOAD NEW TOOL AUCTION

**HUNTER'S SALE BARN, INC.
Rt. 276, Rising Sun, MD**

THURSDAY, FEBRUARY 7th

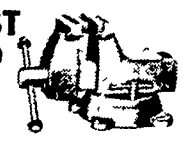
6:30 P.M.

NORMAN E. HUNTER
- 301/658-6400

**Buy at Your Price
The Auction Way**

NATIONALLY ADVERTISED NAMED BRANDS!
CRAFT — ROCKWELL — RODAC — FULLER — CUMMINGS — CONTINENTAL — BUFFALO — SHOPMATE — WOODS — McGRAW EDISON — WATERLOO — INGERSOLL RAND — WEN — ILLINOIS INDUSTRIAL TOOL
WE HAVE THE LARGEST SELECTION OF ALL HAND TOOLS AND ACCESSORIES ON WHEELS

THIS IS THE LARGEST SALE OF THIS KIND EVER TO BE HELD IN THIS AREA!



CLUBS, ORGANIZATIONS, FIRE COMPANYS — RAISE MONEY WITH A BENEFIT SALE — NO INVESTMENT — CONTACT DAYTON INDUSTRIAL TOOLS INC., PHONE 513-667-1939

PUBLIC AUCTION

FARM EQUIPMENT
TRUCK
FRIDAY, FEBRUARY 8, 1980

At 12 Noon

5 miles north of Womelsdorf and Rt. 422, along 419 near Four Point Hotel, Tulpehocken Twp., Berks Co., Pa.

EQUIPMENT: John Deere 4240 diesel tractor w/sound guard cab and extras, 870 hours; JD #2450 - 6 - 16 on land plow; JD #1250 six row 30" corn planter; JD #1209 mower conditioner; JD #670 hay rake; JD #336 Baler ejector; (4) EZ trail 16' hay wagons w/bale sides w/6 ton run gears;

TRUCK: 1977 GMC 4x4 ¾ ton pick up 10,000 lb. GVW loaded.

TERMS: Cash or check, sale day.

Ordered By
RIDGE CREST FARMS

Conducted by
Ralph W. Zettlemoyer Auction Co.
(215) 395-8084

PUBLIC SALE

DAIRY CATTLE
FARM EQUIPMENT,
HOUSEHOLD FURNISHINGS
THURSDAY, FEBRUARY 21

Situated in So. Annville Twp. Leb. Co. Pa Intersection of Route 322 and 934. 1/2 mile East of Fontana.

DAIRY CATTLE

Herd consists of 20 Holstein and Guernsey Milk cows. 6 fresh and close springers. Balance in various stages of production. 1 Bred heifer.

FARM EQUIPMENT

Farmall 350 Row crop Gas tractor, International 350 Utility gas tractor, Farmall B-N tractor, McCormick #311 3-14" fast hitch plow, McCormick 1200 fast hitch balance head mower, IHC Model 93 S.P. Combine with 10 ft grain, New Idea 323 single row picker, New Holland 33 crop chopper, John Deere 24-T baler with ejector, 3 wagons with bale bodies, Grove forage wagon, Wagon with 12 ft. flat and hydraulic dump, New Idea 751 hay conditioner, David Bradley side rake, Ontario 16 x 7 single disk grain drill, I.H.C. 4 row corn planter, Kools table blower, Smoker 24 ft. elevator, McCormick 32-18 disk harrow, Brillion 10 ft. sprocket packer, 9 ft. land roller, New Idea 206 Manure Spreader, 200 gal. trailer field sprayer, 1 horse sporting sleigh, Syracuse walking plow, Plymouth garden tiller, International 128 cub cadet tractor, mower, dozer blade, lawn cart, Massey Ferguson lawn and garden tractor, 2 hole corn sheller, platform scale, feed carts, 1/2 H.P. air compressor, bench grinder, grain cradle, scythe, bench vise, iron bag troughs, work bench, tractor, and truck tire chains, tow chains, rubber cow mats, electric fencer, scalding trough, 30 ft. extension ladder, electric fence posts, rope tackling, pulleys, grease guns, used tires, window sash, odd lots of lumber, forks, shovels, and numerous other items.

DAIRY EQUIPMENT

Em-Bee 400 gal. bulk milk tank 3 H.P. Compressor.
Surge #75 plus Vacuum pump and motor.
Surge Auto-matic tank washer.
5 ton ear corn.
40 Heavy Red laying hens.
1972 Ford Maverick 6 cyl 2 door sedan.

HOUSEHOLD FURNISHINGS

7 Piece breakfast set, wash stand, vanity, sofa, coffee table, rocker, cane seat chairs, kerosene stove, kerosene heater, cutting bench, porch bench, iron kettles, fruit jars, and other items.

Order of Sale — Household, Tools, Farm Equipment, Dairy Cattle.

Sale to commence at 9:30 A.M.
Conditions by:
MARK B. EBERSOLE

Auct. - Earl S. Buffenmeyer
Clerks - Abe Hoover & Son.
Refreshments - Farm Women Group #11

PUBLIC SALE

SATURDAY, FEBRUARY 16

2 P.M.
Two Dumore Twp. Farms
195 ACRES

In Drumore Township, 19 miles South of Lancaster, PA. Take Route 272 South and 1½ miles South of Buck, take Silver Spring Road, west approximately 4 miles to farms. Adjoins Ecklin Farm and the Muddy Run Reservoir on Silver Spring Road.

TRACT No. 1 — Approximately 120 acres. The land produces good alfalfa, corn and tobacco. A complete set of farm buildings. There is a colonial stone dwelling dated 1785 with 8 rooms, fireplaces, oil heat and bath. A large stone gable end steer barn with frame attachments. Tow concrete silos, corn and hog barn and a 40x60 tobacco shed. The fenced meadow is 25 acres with running water from Wissler Run. There are small wood lots and 90 acres are tillable, contoured, and stripped. Excellent crop land.

TRACT No. 2 — Over 70 acres of level nicely drained tillable land terraced adjoining no. 1 tract. There are no farm buildings or dwellings It has over 2,700 feet of macadam road frontage on River Road and Furness Road. A small woodlot. Excellent alfalfa and corn farm land.

Terms: 10% Down. Balance on or before April 1, 1980.

Farm located in a scenic unmolested farm area. Wood land, streams, lake and other farm lands in surrounding areas.

Inspection invited: Friday, Feb. 8th from 1 to 3 P.M. or call John M. Gibson, owner at Hensel, 548-2309 for an appointment.

These two tracts are not part of the Gibson Homestead Farm.

**JOHN M. GIBSON
SALLY M. GIBSON**
Owners

Barley, Snyder, Cooper & Barber
c/o Charles R. Cooper, Jr., Attys.
Claude F. Smith, Auct., 392-7492

PUBLIC AUCTION

VALUABLE FARM EQUIPMENT & ANTIQUES

SATURDAY, FEBRUARY 16

at 9 A.M.

18 miles N. W. of Allentown between Pleasant Corners and New Tripoli (near Northwestern High School), turn S. off Rt. 309 at Hamm's Drive-In for ¼ mile to second farm, Lehigh Co. PA.

FARM EQUIPMENT

Ford 6600 diesel dual power tractor 550 hrs.; Ford 5000 gas tricycle tractor 596 hrs.; Ford two row #602 mounted corn husker from same; Ford Golden Jubilee tractor; Ford three bottom 3 pt. 16" roll over plow; Oliver 3 pt. three bottom 14" plow; JD 3 pt. 12' harrow; Ford 3 pt. #309 two row corn planter w/herbicide attach (brand new); Ontario 14 disc grain drill on steel; Ford 3 pt. two row culti; Lilliston 3 pt. two row roller culti; MF #81 haybine; NH 256 rake; JD 14-T baler; NI #19 PTO manure spreader; Oliver 7' offset disc; (4) four w/dump trailors including one NH w/track; JD #115 3 pt. terracing blade; Letz PTO feed grinder; MLR - 30' bale elevator; drag elevator; 5½ X 9' run about cattle trailor (no title); 3 pt. utility box; portable cattle loading chute; 16:9X34 tractor tire chains; logging chains; ext. ladders; 1945 Chev. farm truck, 17,000 lb. GVW; 20'- 4" grain auger; hallock potato pl.; 4' cast iron water trough and hog troughs; corner horse troughs; acetylene outfit; 500 lb. platform scale; saw buck; one horse cultivators; wooden storm an screen dr. 34" X 85".

ANTIQUES

(3) one horse sleighs, one is swan type; copper apple butter kettle; copper cider kettle; dove tailed 5' feed chest; straw bee hive; (20) potato picking baskets; flax winder; grain cradles; wooden grain shovels; bake oven paddle; blind grain measures; wood buckets; Lehigh Furnace log burning stove; butcher bench; old carpenter tools; wooden shoe molds; ci Excelsior equip seat; house shutter w/hand made hardware; German door locks; apple peeler; beer trays; agate tea kettle; hanging lamp w/white shade; table oil lamps; tin betty lamp; tin coffee pot; painted tin cup and saucer and measure; large and small cabbage cutters; pic frames; ci elephant bank; 4 gal. stoneware w/blue bird; custard glass pitcher (Mauch Chunk); large glass basket and pattern glass; lustre plate; stem glasses; majolica plates; pyramid quilt; plus other articles too numerous to mention.

SALE ORDER: Small items including antiques start at 9 a.m. Farm Equipment will be sold at 1 p.m.

TERMS: Cash or check, sale day.

Sale ordered by,
MRS. CARL PETER

Conducted by,
Ralph W. Zettlemoyer Auction Co.
(215) 395-8084

REFRESHMENTS SERVED

PUBLIC SALE

OF FARM MACHINERY HAY & STRAW

Along Solanco Drive, 2 miles South of Quarryville, adjacent to Solanco High School.

FRIDAY, FEBRUARY 29

10:30 A.M.

Allis Chalmers 180 diesel tractor (good rubber)
Allis Chalmers D17 tractor (good rubber)

A.C. D15 tractor w/414 manure loader w/hyd. fork, A.C.-WD45 tractor, A.C.-WD tractor and cultivators, Farmall A tractor w/plow & cultivators. A.C. 4 bottom plow (trip), John Deere KBA disc harrow, 9 ft. spring tooth harrow, P.T. 10 Hesston haybine 3 yrs. N H. #56 side rake, A.C. 444 baler, Farmec 30 ft. bale elevator w/new motor, McDade 5 HP motor with hay fan, 5 flat bed wagons 1-20 ft., 2-18.ft., 1-16 ft., 1-14 ft., A.C #782 - 2 row harvester (wide row), A.C. hopper blower, 2 A.C. forage wagons (Harvesting equipment in good shape).

App. 50 tons hay (mostly alfalfa) 10 ton straw.

John Deere 1240 cornplanter insecticide & monitor (plateless), A.C. 2 row Cornplanter snap coupler, New Idea 1 row corn picker, 2 Farmers gravity bins, 1 Husky bin w/wagon, Farmec corn drag, John Deere 16 disc grain rill, Ford grain drill, New Idea manure spreader, Speedy Chopper, A.C. rear mount scraper blade, H. Neimeyer hay tedder, mounted wood saw for A.C.-WD tractor, applicator for baler, 35-20PT2 wind power generator, Forney welder, elec. fence controller, elec. fly killer for barn.

2 sets cow clippers 1 new, 1 model 51, drill press, platform scales, Carriage bolt kit, 2 machine bolt kits from ¼" to 1" and ¾" to 6", tractor chains for D15 and WD, Huskie air compressor, 3 extension ladders, 12, 24 and 32 ft., log chains, baler twine, some tools, hoaf trimmers & knife.

Other articles not mentioned

Some household goods, meat slicer, crocks, quart jars, dishes, etc.

Household Items Sold at 10:30

Terms by,

MAURICE F. WELK
786-2752

Aucts.
J. Everett Kreider
Steve Petersheim

Lunch by Farm Women Society #31

SALE ITEMS CAN BE INSPECTED ONE HOUR BEFORE SALE TIME

PUBLIC TOOL AUCTION

Inviting Farmers, Plumbers Carpenters Mechanics Electricians Shop Owners Welders, Dealers Truckers Contractors Painters Largest Display of air tools ever sold

NAME BRANDS INCLUDE:

ROCKWELL — SKILL — CHICAGO PNEUMATIC — FULLER — CUMMINGS — BROWN — MARFLOW — SHOP MATE — WRIGHT — WEN — MCGRAW EDISON — DIAMOND LOY — LUFKIN — WATERLOO CHANNEL LOCK — FALLS — RODAC —

LOCATION: GORDONVILLE FIRE CO. Off Route 30, Turn North on Old Leacock Road.

FRIDAY, FEBRUARY 8

6:30 P.M.

SPONSORED BY GORDONVILLE FIRE CO.

AUCTIONEERS: RON FUNK 717/442-4279; and JEFF KNOSP, 717/687-6539.

AIR COMPRESSORS, DRILL PRESSES, ROLL AROUND TOOL BOXES, Air impact wrenches 3/8 - ½ ¾ - 1"; Carpenters tools; Paint Brushes; Plumbing tools; Circle Hand power saws; Metric socket sets; Impact sockets, 3—; Tap & Die sets; Saber Saws; Metric Wrenches; Torque wrenches; Drill bit sets; Orbital sanders; Framing Squares; Pipe wrenches; Tool boxes (all sizes); Disk Grinders And Buffers; Drop cords; Fire Extinguishers; Electrical tape; Electric drills (all sizes); Cable power pulls; Allen wrenches; Truck tarps; Air power chisel, drills & sanders; Measurement tapes; Camping items; Work Gloves; Bench vises (large & small); Hemp rope; Hacksaws; Wall clocks; Hydraulic jacks; Universal socket sets; Hacksaw Blades; Car Cleaning Kits; Bench Grinders; Battery Chargers; Creepers; Sandpaper; Hand tools (hammer, pliers); Adjustable wrench; Trouble lights; Air Hoses; Open and boxed end wrenches; Channelock tools; Yard lights; Torch hoses; Large Assortment of socket sets; Jumper cables; Extension Cords; Screwdriver sets; Electric impact wrenches.

WE ARE THE LARGEST AUCTION SUPPLY ON WHEELS.

CASH - OR APPROVED CHECK WITH PROPER I.D.

Not Responsible for Accidents or Property After Sold
Not Responsible for Changes Due to Strikes and Shipping Schedules
If Tax Exempt must show Number
-Merchandise Guaranteed - By Factory Warranty
LICENSED & BONDED ORGANIZATION

Large Rail Road & Toy Train Auction
May 8,9,10,11, 1980
Consign your toy trains now at low commission rates.
Try our dependable auction service.

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

SAT MAR 1 10 00 A M Consignment Machinery Sale Located on Rt 519, Belvidere, NJ Sponsored by Belvidere FFA John Kachmar Auctioneer

SAT MAR 1 11 00 A M Eastern Shore Showcase Calf Sale 50 Registered Holstein Calves and Heifers Held at Hunter's Sale Barn, Rising Sun, MD Sponsored by Ares Holstein Club Co-chairmen Ben Amoss, & Bob Knutsen, For information and catalogs, Bob Knutsen, Rising Sun, MD 301-658-6325

SAT MAR 1 - 10 00 A M Public Sale of farm equipment, tractors, small tools, butchering equipment Sale for Mr & Mrs James Grimes, 1246 Hoods Mill Rd , Woodbine, MD Ridgely & Streaker Auctioneers

SAT MARCH 1 1 2 00 Public Sale of Full Line of Late Model Farm Equipment located at 1817 Thompson Avenue, Lebanon, Pa , 1½ miles South of Bunker Hill off Rt 72 or take Rt 934 north from Annville, 1 mile to Thompson Ave , turn and go right 3 miles to sale Terms by John G Landis, Nevin R Hoover, Auctioneer

SAT MAR 1 - 10 00 A M Public Sale of Tractors, Farm Machinery, Trucks and Tools Located - taking Rt 116 through the Borough of Fairfield, PA turn onto Water St , continue to first farm on right Brown Brothers Owners C David Redding Auctioneer

SAT MAR 1 Public Sale of Farm Machinery for Mrs Ella Tarner and Jerry and Ann Tarner, Rd 1, Newville, Cumberland Co , PA Art Rife Auctioneer

SAT MARCH 1 - 10 30 A M Public Sale of Full Line of Farm Machinery and a few household goods and antiques located 3 miles south of Cochranville, 5 miles North of Oxford along Rt 10 Terms by H Lynn and Betty Spotts Steve Petersheim, Auctioneer

SAT MAR 1 - 9 30 A M Public Sale of Farm Machinery, 8 Tractors, Dairy Equipment, Hay, Some Household Items Sale for Louis Fink & Son, Old Rt 611, Ottsville, PA, 11 miles north of Doylestown, PA Auc tioneers Henry Freed & Sons

SAT MAR 1 - 10 00 A M Public Sale of Farm Equipment and Scrap Iron Located East of Ephrata, turn off Rt 322 on Pleasant Valley Rd to Diamond Station Rd first farm right Amos B Stauffer Estate Auctioneers Robert E Martin & Frank L Steller Auctioneers

SAT MAR 1 - 10 00 A M Public Sale of Mill Equipment, Hardware & Trucks Located in Amityville, just off Rt 662, Midway between Yellow House (Rt 562) and Douglassville (Rt 422) Amity Twp , Berks Co , PA Sale For Kuser's Feed Mill John D & George D Frey Auctioneers

SAT MAR 1 - Public Sale of Farm Equipment, Trucks, Antiques and Household Goods Located along North End Rd 3 miles West of Shoemakersville, PA Berks Co Leonard Seibel Owner Kenneth P Leiby Auctioneer

PUBLIC SALE

SPECIAL DAIRY COW SALE

Penns Valley Livestock Auction
Penns Valley Sale Barn, Centre Hall, PA

THURSDAY, FEBRUARY 7

7:30 P.M.

44 HOLSTEIN COWS AND BRED HEIFERS

This herd consists of 5 Registered and 39 Grade Holsteins. 20 freshened within last 60 days the balance due as follows: 1 in Feb., 10 in Mar., 3 in April, 5 in June, 2 in July, 2 in Aug., 1 in Sept.

The cows are in good condition and nicely uddered. Artificially sired, T.B and Bangs tested, health charts furnished.

Consigned By:

MR. & MRS. RONALD GILLIGAN
Penna. Furnace, PA
Phone: 814-237-7367

PLUS OTHER CONSIGNMENTS

LARGE PUBLIC SALE

VALUABLE ANTIQUE FURNITURE, GLASSWARE, SILVER COINS & MISC. ITEMS

From a Home & Small Part Time Antique Shop Near Hanover, Pa

SATURDAY, FEBRUARY 9

At 9:00 A.M.

Sale to be held in the Winterstown Fire Co. Hall along Rt. 24 in Winterstown Boro, York Co., Pa.

ANTIQUES ANTIQUES ANTIQUES

Charming 5 pc. natural finish ice cream parlor set; oak roll top desk; oak swivel desk chair; oak carved buffet w/paw feet; very fine double brass bed; Fancy lg. carved walnut double rope bed; lg. dry sink washstand; oak table w/round legs; painted kitchen cabinet; 2 clothes trees; oak rockers; cane seat chairs & rocker; 5 softwood chairs; small oak buffet; oak chest of drawers; 3 loaf trunks; lg. & sm. blanket chests; very unusual oak spool cabinet on legs; 2 table top victrolas; many picture frames, walnut, gold leaf & others; lg. maple ext. table w/4 boards; smoking stand; round table; pcs. of marble; marble glass leaded shade lamps; kerosene lamps; rayolite; pink & green dep. glass; pattern glass; mixing bowls; pie plates; 2 pc. bowl & pitcher set; 2 Planters peanut jars; stereo viewer & cards; wicker fernery; barrel butter churn on stand; butter churn w/cow painted on; 2 butter scales; 4 wooden tubs; brass hanging scales; many crocks & jugs; 2 Harrisburg crocks; 2 copper wash boilers; 2 cherry seeders; 5 gal. glass jugs; cigar making items; lg. slaw cutter w/box; buck saws; wooden planes; broad axe; lg. pile of chestnut lumber; other old tools; 2 beam scales; platform scales; lanterns; 6 wooden wagon wheels, 8" & 12"; meat grinder on stand; 2 sausage stuffers; lard stirrers; old thick & thin 78 records; 2 sets of Coke trays, 3" each set; miniature cases of Coca Cola bottles; several doll babies, composition & bisque; old toys; post cards; Balto. advertisement cards of late 1800's; other watches & gold chains; lot of jewelry, pins & broaches; approx. 20 silver dollars some 100 yrs. old; 30 old silver half dollars; lot of other silver qtrs. & dimes; buffalo nickels; Indian Head pennies & many items not mentioned.

Auct. Note: Please come early to get a seat. There are no junk items in this sale. Lg. furniture to be sold at 12 noon. Coins & silver money at approx. 3:30 to 4:00 P.M.

Terms: Cash or approved check

SECHRIST AUCTION SERVICE
Sales Managers
Fawn Grove & Red Lion, Pa.

Bob & Tom Sechrist, auctioneers
Ph. 382-4379
Anderson & Warner, Clerks

Not responsible for accidents
Good Food Available

PUBLIC AUCTION

OF FARM EQUIPMENT

SATURDAY, FEBRUARY 9, 1980

11:00 A.M.

Location: Between Ephrata and Lancaster along Route 272 at Hartman's Grocery turn west on Rosehill Road to farm on right, R.D. #2, Ephrata, Pa.

John Deere 4020 Diesel Tractor

with W.F.E., Side Console, Late Model, with Heathouser.

John Deere 2020 Tractor

with John Deere No. 48 Loader on steel. JOHN DEERE 38 HARVESTER with 2-row 30-inch Head and Screen; JOHN DEERE 494 4-ROW CORNPLANTER with Insecticide Applicators; John Deere KBA Disc Harrow; John Deere 3x16 F125 Trip Plow; John Deere 214 Forage Wagon; John Deere Side Rake; John Deere 13-Foot Field Cultivator; MASSEY FERGUSON NO. 56 GRINDER MIXER WITH ELECTRONIC SCALES LIKE NEW: New Holland 270 Baler; Hawk-Bilt Tank Spreader Left Unload with Hydraulic Lid; New Holland 32-foot Elevator; NEW HOLLAND 469 HAYBINE: Century Trailer Type Sprayer with 300 gal. Poly Tank; Pickup Head for John Deere 34 Harvester; Pittsburg 2-row 3-point Cultivator with Hoers; 3-pt. Blade; Oliver Model 200 18' Spring Harrow on transport; Brillion 10'6" Cultipacker with 2 3-foot Side Sections; Hershey 2-row Tobacco Transplanter; 13-foot Land Drag; Allis Chalmers 700 Flatbed Wagon with Corn Sides; 2 Section Spike Harrow; New Idea Side Rake; Small Trailer; 40-foot Silage Pipe with Gooseneck; Oliver 3x16 Cushion Trip Semi-Mounted Plow; Brillion 10' Cultipacker;

Esco 305 Gallon Milk Tank

Surge 40 Plus Vacuum Pump with Electric Pulsation; 4 Surge Milker Units; Bender Dumping Station with Washer; Stainless Steel Twin Tubs; 52 Gallon Electric Water Heater; Dairy Scales.

15 Acres Corn Silage on Pile
20 Ton Ear Corn
12 Ton Straw — 10 Ton Alfalfa Hay
12 Year Old Saddlebred Gelding

Broke to drive, traffic safe; Wheelbarrows; Bolt Bin with Bolts; 175 gallon Fuel Tank; 3 Ventilation Fans; Block and Tackle; 7 Bags 8-32-16 Fertilizer; 2 Minnich Presses; 2000 Tobacco Lath; 2 Fence Chargers; Scotts Spreader; Feed Cart; HOUSEHOLD GOODS: Breakfast Table; Hutch; Recliner; G.E. Electric Range Avocado with Self Cleaning Oven; Baby Dressing Table; Refrigerator; Shovels; Forks; Brooms and other items.

Auction By:

AARON Z. SHIRK
R.D. #2, Ephrata, PA
717-859-2917

Auction Conducted by
John E. and Paul E. Martin Auctioneers
717-733-3511 — 717-733-3305 Ephrata, PA

Note: We do not have many small items, plan to be here by starting time.

Food at Auction

Public Sales Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

TUES MARCH 4 - 1 P M Yorkshire Sale of Bred Gilts, Open Gilts & Boars Located at the Lebanon Area Fairgrounds, Lebanon, Pa Houvale Farm Production Sale For information call or write Elwood E Houser, Rt 5, Box 70, Lebanon, Pa 717 272 5798 or 273-2921

TUES MAR 4 - 10 00 A M Public Sale of Farm Machinery Located in Mifflin Co , 2½ miles west of Reedsville, PA on Rt 655 Curtis O Yoder Owner Mark Glick Auctioneer

WED MAR 5 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co , Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth, J Fry and L Horst Auctioneer

WED MAR 5 - Public Sale of Farm Machinery for Richard L Lehman, Rd 2, Newville, Cumberland Co , PA Art Rife Auctioneer

THURS MARCH 6 9 A M Farm Equipment, Household Goods & Lumber Located along Rt 241 ½ mile South of Lebanon Sale by Mrs Elmer B Zimmerman Nevin Z Martin & Lewis B Groff Auctioneers

THURS MAR 6 - 9 30 A M Public Sale of Horses, Cattle, Machinery and some Household items Located in Centre Co , turn south off Rt 45 about 1 mile East of Aaronsburg, PA on 1st hard road, travel 1 mile turn left Eli B & Franie Zook Rd, Woodward, PA Owners Mark Glick, Reedsville, PA Auctioneer

THURS MAR 6 - Public Sale of Dairy Heifers and Farm Equipment Held in Marion Twp , Berks Co , PA 2 miles north of Womelsdorf, ½ mile east of Rt 419 Mary Darkes Owner Earl S Buffenmeyer Auctioneer

THURS MAR 6 Melvin Hertzler Farm Equipment Dispersal near Mechanicsburg, PA Ralph W Horst Auctioneer

THURS MAR 6 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

FRI MAR 7 - 11 00 A M Horse Sale Held at New Holland Sales Stables, New Holland, PA

FRI MAR 7 - 9 30 A M Machinery Sale - Annual Spring Sale Consignments of all kind of machinery, Belleville Livestock Market, Belleville, Pa Mark Glick Auctioneer

FRI MAR 7 Carl H Martin Farm Equipment Dispersal Located 1 mile east of Marion, PA along Rt 914, Ralph W Horst Auctioneer

FRI MAR 7 - Public Sale of Harvestore Silo Held west of the Buck, PA on Rt 372 Sale for Jacob Groff Kreider & Petersheim Auctioneers

FRI MAR 7 10 30 A M Public Sale of Valuable Late Model Farm Machinery, Tools and Pickup Truck, Located along Duke St Ext (Adamsville Rd) in the Boro of Dallastown, York, Co , PA C Alfred Taylor Owner Robert L Sechrist Auctioneer

SAT MAR 8 8 30 A M 12th Annual Spring Sale Held at the Gordonville Fire Co , Gordonville, PA Selling Household Goods, Antiques, Farm Equipment, Building Supplies, Livestock Donated items accepted Local Auctioneers

OPPORTUNITY KNOCKS!

FEESER'S 20th PRODUCTION SALE

at

Duke's Feeder Pig Sale Barn
Salisbury, MD
Go south Rt. 13 - 3 miles south of Salisbury - Turn on Stockyard Rd.

SATURDAY, FEBRUARY 16, 1980

1:00 P.M.

Offering:

20 Yorkshire Boars 15 Yorkshire Gilts
7 Hampshire Boars 30 (Cross Bred) Gilts
Test Figures Adjusted to 230 lbs.

York Boars	Days/230	BF	LEA	% LEAN	INDEX
8-1	166	.53	3.40	64.0	198
8-2	170	.53	3 60	65.1	200
9-2	174	.59	3 60	64.0	190
9-3	179	.48	4.50	65.9	206
9-5	157	.60	3.50	62.5	198
12-4	161	.59	4 40	63.6	201
13-1	168	.56	4.40	64.9	201
13-3	168	.64	4 20	63 3	192
13-7	176	.62	4 60	63.2	184
14-1	155	.73	4 40	60.7	189
14-4	189	.70	5.10	63.1	188

Other figures available sale day

Genetic improvement in your herd is the key to sound Reproduction and a superior end product for the consumer. The average market hog in this country is only 55% lean cuts. The formula used for these figures originated from Ohio Test Programs. They recognize boars with 180 index or higher as being above average. Don't you need to look at seedstock that is bred to grow and produce a product with the future in mind?

* * * * * * *

Pigs Are PRV Tested. Delivery Available

For Information Contact:
FRANK FEESER
Box 372
Taneytown, Md. 21787
(301) 751-1287
(301) 756-6335

Auctioneer: Don Joyner, Va.
Ringman: Dan Frobose, Yorkshire Journal
Phone Sale Day — (301) 749-5979

LARGE 2 DAY PUBLIC SALE

FARM MACHINERY, TOOLS, PICKUP TRUCK, LAWN & GARDEN EQUIPMENT, BUTCHER EQUIPMENT & TOOLS, ANTIQUES, HOUSEHOLD GOODS & TRAVEL TRAILER

FRIDAY, FEBRUARY 15 & SATURDAY, FEBRUARY 16

AT 9:30 A.M. Each Day

Located approx. 3 miles east of Rt. 83, Exit 7 along Rt. 124 (East Prospect St.) near Locust Grove or if coming from Stony Brook area turn off East Market St., south on Locust Grove Rd. to East Prospect St. Rd., turn right about 1 block to lane & place of sale, in York Co., Pa. Watch for signs.

FRIDAY, FEBRUARY 15

At 9:30 A.M.

Oliver 1550 gas tractor, TFE, fully equipped, only 1280 hrs., like new; Int. B-414 gas tractor w/adj. wheels, 1684 hrs. w/Du-All manure loader, bucket & blade all in very good cond.; 18 HP Economy garden tractor w/42" lawn mower, snow blade & 1 bottom plow; Bantam 3 wheel tractor w/3-18" gang reel type mowers; 8 HP MTD lawn tractor w/36" mower like new; N.H. 8 ft. self propelled combine w/new shakers; J.D. 24T PTO baler, 3 yrs. old like new; Ontario 14 disc grain drill; Int. 2 row corn planter; Woods Bros. 1 row corn picker; N.I. hay crimper; N.I. manure sprader; N.I. side rake; Ford 7 ft. 3 pt. hook mower; Oliver 3 pt. hook 3-16" plow; Oliver 2 bottom 3 pt. plow; Case 3-16" bottom plow; N.H. #352 grinder mixer; Papec feed mixer w/3 HP 220 volt electric motor; 28 ft. bale & grain elevator; 16 ft. alum. grain elevator; 30 ft. grain auger; Little Giant drag elevator; flat bed rubber tire wagon; McCurry bin wagon; 6 ft. flail chopper; 100 gal. fiber glass tank field sprayer; 10 ft. double disc; 10 ft. rope set harrow; 12 ft. cultipacker; 3 sec. S.T. harrow; 2 sec. spike harrow; J.D. trailer plow; 3 sec. rotary hoe; 3 pt. hook 2 row cultivator; 3 pt. 6 ft. rear blade; 3 pt. sub-soiler; 3 pt. crane; 12 HP Merry Tiller roto-tiller; lawn sweeper; lawn roller; 28" & 38" tractor chains; hog feeders; Nelson cattle waterers; 1200 bu. Speedy corn crib; used Rheem elec. water heater; hand sprayer; table saw; chicken feeders & waterers; 12, 14 & 16 ft. gates; Knipco oil shop heater; cement mixer; brooder stoves; wood & alum. ext. ladders; cyclone seeder; corn sheller; Stewart elec. clippers; lot of tools of all descriptions; 1/2 & 1/4" drills; lumber; horse tongues; single, double & triple trees; harness; hames; collars; metal shelving; 14,000 lbs. truck scales; 4' x 4' 1000 lb. platform scales; 500 lbs. platform scales; chain saws; 3-2 wheel trailers, sm. med & lg.; kicker hay tedder; 5 ft. horse mower; 3 pt. hook post hole digger; 34' tandem axle truck trailer, metal body used as a grain bin; 250 gal. & 100 gal. oil tanks; 2 full wagon loads of sm. misc. items too numerous to mention.

1966 3/4 ton Jeep 4 wheel drive pickup truck w/8 ft. bed, cattle & low racks, 8 ft. snow plow complete w/aux. lights & only 47,000 miles in very good cond.

SATURDAY, FEBRUARY 16

at 9:30 A.M.

BUTCHER EQUIPMENT, ANTIQUES, LIKE NEW MODERN HOUSEHOLD GOODS, TRAVEL TRAILER

1/2 ton elec. hoist & meat track; 3 butcher meat blocks on legs; 6 ft. solid plank meat bench; 60 gal. furnace & kettle w/elec. stirrers; 2-30 gal. kettles & rings; hog scrapers; wood scalding trough; lg. meat grinder w/motor; lard press; strainer; dippers; forks; ladles; knives of all sizes; meat cleavers; lg. & sm. from 6" - 16"; meat saws; 40 ft. of track w/round corners; hangers & 8 trolleys; set of computing scales; 2 sets of wall hanging beam scales; sm. & lg. stilliard scales; 5 other old store or butcher scales w/flat & ball wts.; 2 sm. platform scales, wts. ozs. to lbs.; 2 sets of hog gallows; lg. meat case compressor on wheels; hand & elec. meat slicers; paper roll & cutter; meat tubs & trays; work & wrapping tables; meat hooks & bacon hangers; alum. smoke sticks; hook & solid spreaders; gambling sticks; knife sterilizers; 2 elec. knife sharpeners; steer & calf hides; chicken picker; ice tong; sm. hand cider press; sets of graduated brass sleigh bells; string of metal bells; 1 horse open sleigh; 2 ox yokes, 1 lg. & 1 sm.; apple butter stirrer; dinner bell on post; asst. of crocks, 1 gal. - 12 gal. 2 lg. jugs; store baskets; canning jars; 2 wooden tubs; carpet upholstered platform rocker; lg. oak rocker; oak gingerbread mantle clock; sm. mantle clock; steamer trunk; 300 lb. Sentry home safe; petite Gov. Winthrop type sec. bookcase comb. w/ball & claw feet; 2 wood porch rockers; 6 ft. deacon bench; mahogany slipper rocker; rush seat maple rocker; wagon seat bench; copper tea kettle & some antique dishes.

Household Goods & Trailer: beautiful Premier Theatre Gulbransen organ w/every possible acc., like new; RCA Home entertainment center console w/25" color TV, AM & FM stereo radio & record player; Whirlpool 15 cu. ft. refrigerator w/ice maker in coppertone; lg. Whirlpool chest freezer; sm. Westinghouse chest freezer; Whirlpool auto washer & matching elec. dryer; old Kel. elec. stove hardrock maple oval dining table & 6 chairs & maple 46" open hutch, corner chain closet, dry sink, sm. deacon bench, all to be sold seperately; beige plaid loveseat w/matching chair; pr. of very nice upholstered matching side chairs; Lazy Boy rocker recliner; platform rocker; pr. end tables; sm. drum table; 4 pc. B.R. suite w/queen size bed spring & mattress; dressers; chests; lg. cedar wardrobe; metal wardrobe; lg. sofa; card table & 8 chairs; brass fireplace set of tools; screen; andirons; basket; 2 nice pole lights; several table lamps; vibrator chair & sofa; exercise bike; stands; sewing machine; sm. desk & chair; Rainbow sweeper; 6 wooden bar stools; floor waxer & polisher; pictures; mirrors; books; encyclopedias; 5 vol. set of books of 2nd. World War; Cole steel file cabinet; metal typewriter stand; typewriter; adding machine; check writer; wood kneehold desk; file boxes; metal porch chairs; round alum. picnic table; 2 green leather porch chairs; 2 sets of lg. Texas long horns, 5 & 6 ft. long; miniature life like animals, elec. ice cream freezer; dishes; pots; pans; & many items not mentioned.

1979 Yellowstone 16 ft self contained tandem wheel travel trailer, sleeps 6, full length attach. awning & positively like new, used only 2 times.

Terms: Cash, travelers checks or only good approved checks day of sale.

ROY & JANET BAKER
R.D. 3
York Pa. 17402
Ph. 755-4056

Robert L. & Thomas H. Sechrist, auctioneers
Ph: 717-382-4379
Anderson & Warner, clerks

Not responsible for accidents
Refreshement rights reserved

PUBLIC SALE

OF LIVESTOCK, NEW AND USED FARM MACHINERY, TOOLS
TUESDAY, FEBRUARY 12

At 9:00 A.M.

Located 2 miles South of Intercourse, first farm East of Gordonville, along East Gordon Rd., 1 mile North of Route 30, 10 miles East of Lancaster.

8 HEAD MULES, 1 DRIVING HORSE

2 pair Sorrel Molly Mules; 1 pair Black Mules; 2 Single Mules; 1 Standardbred Driving Horse.

21 Head Holstein Springing Heifers; 5 Open Heifers breeding age; 5 Yearling Heifers; 6 Heifers under 6 months old; 30 day test.

FOLLOWING MACHINERY NEW

New Holland 315 Baler; New Idea 323 Cornpicker; Pequea Manure Spreader; New Hollland 256 Rolobar Rake; 3 - Pequea PTO Hay Tedders; Zimmerman 40 ft. Elevator; 3 - 6 Ton Wagon Gears; 2 - 3 pt. Wood Saws with PTO.

USED FARM MACHINERY

2 - New Holland 273 Balers; 2 - New Idea 323 Cornpickers; 2 - Pequea Manure Spreaders; 2 - New Holland 256 Rolobar Rakes, used 1 year; John Deere 640 Rolobar Rake; McCormick Grain Binder; 3 - McCormick Cultivators; 2 - Pequea Ground Driven Tedders; Zimmerman 40 ft. Elevator, used 1 yr.; Mayrath Grain Elevator; Hydraulic Unit; Brady Rotobeater with 45 hp Engine; 3 - New Idea Hay Crimpers; Fertilizer Drill.

Stoltzfus Hay Elevator! 6 - 2 Wheel Fore Carts; 2 Wheel Hydraulic Manure Scraper; 3 - 18 ft. Wagons; J & M Gravity Bin with Gear; McCormick 2 Way Plow, 16 inch Bottoms; Stoltzfus Hydraulic Reset Plow, 16 inch; 106 Wiard Plow; 2 - 16 inch 2 Bottom Trailer Plows; No. 9 McCormick Silage Cutter; McCormick Corn Binder with Loader; John Deere 999 Corn Planter; John Deere KBA 24 Disc; McConnell 3 Section Harrow; John Deere No. 8 Grass Mower with Engine; Cultimulcher; Brillion Cultipacker; McCormick Cultipacker; 12 - Roof Trusses; Salt Blocks by case; 80 Bales Baler Twine; 100 - 5 lb. Bags Atrazine; 4 Calf Hutches; Tools; Saws; Forks; Single, Double, Triple Trees; 9 - Sets Work Harness; 2 - 600 Gallon Fuel Tanks.

NEW MERCHANDISE

Floor Jacks; Manure Spreader Webs; Paint; Steel Seats; Bolts; Pipe Fittings; Tubing; Wood Stoves; 3 - 50 gallon Drums Oil; Litter Carrier Track; Wheelbarrows; Forks; Shovels; 30 inch Buzz Saw Blades and many more items.

Sale at 9:00 A.M.

Terms by:
JACOB M. FISHER

Paul Snyder and Wilbur Hosler, Aucts.
733-7052 626-5943
Fashancht's, Clerks
Refreshments by Gordonville Fire Co.
Not Responsible for Accidents
No Out of State Checks

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

SAT , MARCH 8 - 10 30 A M Public Sale of Farm Machinery, Bred Sows, Hay, Ear Corn, Straw, Oats, Butchering Tools, & John Deere 1020 Tractor Located 4 miles South of the Buck at Chestnut Level Terms by Leonard & Gladys Sprout Auctioneer Steve Petersheim

SAT MAR 8 - 9 30 A M Public Sale of Holstein heifers, Dairy Equipment, Machinery & Some Household Located in Centre Co , 4 miles west of Centre Hall, PA on Rt 192, Brush Valley Rd Mr & Mrs Charles T Keller, Rd 1, Centre Hall, PA, Mark Glick, Reedsville, PA Auctioneer

PREVENT FIRE!

SAT MAR 8 - 10 00 A M Public Sale of Farm Equipment and Household Goods Located along Hahnstown Rd , first farm on left going from Hahnstown to Bergstrasse, Ephrata Twp , Lancaster Co , PA Terms by Jeseph S Brubaker T Glenn Horst and Timothy G Horst and Timothy G Horst Auctioneers

SAT MAR 8 - Third Annual Public Consignment sale at Newburg-Hopewell Volunteer Fire Co , Newburg, PA, Cumberland Co Art Rife Auctioneer

SAT MAR 8 - 10 30 A M Annual Farm Equipment Auction held at Hunter's Sale Barn, Inc , Rt 276, Rising Sun, MD 21911 Norman E Hunter Auctioneer

SAT MAR 8 - 1 00 P M Sale of Valuable Real Estate - 4 unit apartment house Located at 218 E Market St , Orrigsburg, Schuylkill Co William & Mary Spatz Owner Kenneth P Leiby Auctioneers

MON MAR 10 - Public Auction of Farm Equipment for John Eby and Isaac Eby location - Take Rt 322 West from Ephrata to Weidmansville Road, turn right to first left, then first right to farm on right John E and Paul E Martin, Auctioneers

MON MAR 10 - 10 30 A M Public Sale of Farm Equipment and 20 Bred Holstein heifers Located along Mountain View Rd , 7 miles east of Shippensburg, Cumberland Co , PA Sale for Paul W Sauder Nevin Z Martin Auctioneer

TUES MAR 11 - Public Sale of Farm Equipment, Shop Tools & Household Goods Located 1½ miles West of Ephrata along Meadow Valley Road Sale for Harvey N & Esther H Zimmerman Auctioneers - Nevin Martin & Lewis Groff

TUES MAR 11 - Public Sale of Farm Machinery Located at the farm in Lebanon Co From PA Tpk - Lancaster & Lebanon interchange follow Rt 72 North to Quentin, take Rt 419 North toward Schaefferstown approx 5 miles to farm Sale by Elmer H. & Ruth G Rohrer Auctioneers Randall V Kline and Lloyd H Kreider

TUES MAR 11 - 9 00 A M Public Sale of Draft Horses, 40 head Holsteins, Machinery and few Household Items Located in Mifflin Co 6 miles west of Belleville, PA or ½ mile east of Allensville, PA on Rt 655 Mr & Mrs Dan L Peachey Owners Mark Glick Auctioneer

WED MAR 12 - Rakers Farm Equipment Dispersal Located 1 mile south of Lemaster, PA Franklin Co , along road to Upton Ralph W Horst Auctioneer

WED MAR 12 - Public Sale of Farm Machinery Located ½ mile west of Chestnut Level, PA Sale of Joe Anderson, Kreider & Petersheim Auctioneers

WED MAR 12 - Newport, Pa Pumpkin Center Complete Herd Dispersal — Registered Holsteins — Howard Barkley, Owner Art Kling, Auct

THURS MAR 13 - Public Sale of Farm Machinery Located adjacent to the Ground Hog Lodge, Quarryville, Pa. Sale for Dean Rolland, Kreider and Petersheim Auctioneers

THURS MAR 13 - 11 00 A M Public Sale of Good Line of Farm Machinery Located in Huntingdon Co , 1 mile north of Warriors Mark, PA, turn east ¼ mile on Stormstown Rd Mervin L Clark Owner Mark Glick Autioneer

THURS MAR 13 - 11 00 A M Public Sale of Valuable Farm Machinery & IHC 826 Tractor Located along Brownton Road, 4 miles South of Red Lion, take Route 74 South from Red Lion to Bayhead Marine Store, turn right on Brownton Road Go ¼ mile, first farm on left, passed new homes Chanceford Twp , York Co , Penna Watch for sale signs Sale for Mr & Mrs Arthur Shopf Auctioneer - Reynold Burke

FRI MAR 14 - 9 30 A.M Public Sale of 12 Head Draft Horses, 40 Head Holsteins and Farm Machinery. Sale by Rachel Swarey Mark Glick Auctioneer

FRI MAR 14 - Arlo Haven Sale of Farm Equipment. Located near Odessa, NY, Ralph W Horst and Blaine Rentzel Auctioneers

FRI MAR 14 - Shermansdale, Pa Complete Line of Farm Machinery and Misc. Items— Homer Mullen, Owner, Art Kling, Auct

FRI MARCH 14 - Inventory Reduction Auction at Pettit Equpment in Ballston Spa, NY Sale by Goodrich Auction Service

SAT MAR 15 - 9.00 A M Public Sale of Farm Equipment, 13 miles SW of Chambersburg, Franklin Co , PA, 2 miles south of US Rt 30 on McDowell Rd Merle & Helen Bivens Owners J Robert Meyers Auctioneer

SAT MAR 15 - 10 30 A M. Public Sale of Farm Machinery and Miscellaneous Farm Items. Located in Clinton Co , Sale will be held at the Fire Co Grounds, Beech Creek, PA Fran Cornelius, Beech Creek, PA Owner Mark Glick, Reedsville, PA Auctioneer

SAT MAR 15 - Saxby Implement Corp Annual Spring Sale Located near Mendon, NY Ralph W Horst and Blaine Rentzel Auctioneers

NEW HOLLAND SALES STABLES, INC.
New Holland, Pa.

SPECIAL HORSE SALE
Driving Horses, Draft Horses Mules & Tack

FRIDAY, FEBRUARY 8, 1980
At 11 A.M.

Tack to be sold at 10:00 A.M.

2 Load Draft Horses, Mules and Driving Horses consigned by Ward Knight.

1 Load Draft Horses consigned by Myron Christenson.

1 Load Draft & Driving Horses consigned by Bud Leonard.

1 Load Draft Horses consigned by Basil Meadows.

1 Load Horses and 1 Load of Big Young Mules. SPECIAL MENTION: 3 pair Belgian horses, 2 to 4 year olds, good color and top quality; 2 pair of Black Jack mules with white points, 4 to 5 year olds over 16 hands; 1 fancy team of 6 year old sorrel mare mules well broke; 1 team 5 year old gray mules; a few 2 and 3 year old green broke mules, all consigned by Norman Kolb.

20 Big Saddlebred Horses. SPECIAL MENTION: A few big fancy horses 16 to 17 hands, 3 to 6 year old show horses consigned by Don Boring.

1 Load Driving Horses consigned by Levi B. Stoltzfus.

1 Load Driving Horses consigned by Noah Martin.

1 Load Driving Horses consigned by Clayton Waterbury.

1 Load Saddlebred Driving Horses consigned by Ben King.

1 Load Draft Horses consigned by Steimer Bros.

15 Sets new front gears, collars and bridles.

For more information Contact:
Abe Diffenbach, Mgr. 717-354-4341
Norman Kolb 717-397-5538
Next Special Horse Sale:
Friday, February 22

KEYSTONE CLASSIC

ALL BREED SHOW & SALE

Farm Show Building
Show: FEBRUARY 29, 9:00 A.M.
Sale: MARCH 1, 11:00 A.M.

Bred Gilts - Boars - Open Gilts

Breed Secretary's

Berkshire: Arlie Cornblower #1 Box 41 New Freedom, Pa. 17349

Chester White: Charles Griest Rt. #1 Abbottstown, Pa. 17301

Duroc: Ken Fetterolf R. #1 Box 314 Centre Hall, Pa. 16828

Hampshire: Charles Bomgardner Annville, Pa. 17033

Landrace: Larry Baum R #3 Box 422 Elizabethtown, Pa. 17022

Poland: Keith McConnell Box 46 Volant, Pa. 16156

Spotted: Clair Hartman Box 222 Gratz, Pa. 17030

Yorkshire: Leon Arnold R #7 Box 705 Lebanon, Pa. 17042

Sale Manager & Auctioneer
Harry Bachman
138 College Ave., Annville, Pa. 17003
Tel. 717-867-1809

PA. CO-OP SWINE BREEDERS ASSN.

PUBLIC SALE

OF REAL ESTATE
WEDNESDAY, FEBRUARY 6

10:30 A.M.

Located in Cumberland Co., PA, 9 miles west of Carlisle, 1 mile off Rt. 174, From I-81, Newville Exit, turn South on Rt. 233 to Rt. 174, turn left to jct. 465, turn right on Mount Sera Rd. 1 mile to farm. Watch for signs.

REAL ESTATE TO BE OFFERED CONSISTS OF TWO TRACTS

Tract #1 - 54 acres m/l improved with barn, loafing area, calf pen and metal feed bin, new milking barn, extending with 20 freestall ties, large milk house with waste water disposal system and exhaust fan. Machinery shed. 43 acres tillable. Balance pasture, good well, road frontage.

Tract #2 - 8 acres, sub-divided & perked, 600 ft. road frontage, each tract will be offered separately, then together.

Terms - 10% down, balance 30 days upon full settlement.

Owner-
DAVID W. ALEXANDER

Auctioneer-
Art Rife
717-776-3645
Attorney-
John Broujos

Public Sales Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

SAT , MARCH 15 - 10 30 A M Public Sale of Farm Machinery, Milking Equipment, Hay, Ear Corn, Straw & Household Goods Located 4 miles East of Intercourse, 2 miles West of Whitehorse, along Rt 340 Terms by Jay A & Ruth Meck Auctioneer Steve Petersheim

SAT , MARCH 15 - 1 P M Sale of Bred Gilts, Open Gilts & Boars by the Pa Yorkshire Club. Located at the Lebanon Fairgounds, Lebanon, Pa For information write or call Leon Arnold, Secretary Treasurer, Pa Yorkshire Club, Rt 7, Box 705, Lebanon, Pa 17042, 717-273-5880

SAT MAR 15 - 10 30 A M Public Sale of Farm Equipment, Some Household Goods Located 4 miles southeast of Strasburg, 2 miles northwest of Georgetown, 2 miles west of Rt 896, ½ mile south of White Oak Rd , from the Mt Pleasant Mennonite Church along Mt Pleasant Rd , Lancaster Co , PA. Omar S and Marian Stoltzfus Owners Abe Diffenbach's Auctioneers

SAT MAR 15 - 10 A M Public Sale of Farm Machinery, Household Goods & Livestock Located along Millway Road (between Maple Farms Road and Cocalico Creek Rd), Ephrata Township, Lancaster Co , PA Terms by Daniel E Sauder T Glenn Horst & Timothy G Horst, Auctioneers

SAT MARCH 15 - 6 30 P M Danville Livestock Market, horse sale Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON MAR 17 - Owen Mummau R D #2 Mt Joy, Pa North of Rt 230 along Grandview Rd Lancaster Co Pa Farm Equip and Livestock C H Wolgemuth Auct

MON MARCH 17 - Public Auction of Farm Equipment Located at 1841 W Main St , Ephrata, Pa Sale by Franklin W & Frannie L Shirk John E & Paul E Martin Auctioneers

MON MAR 17 - 5 00 P M Public Sale of Tools, Antiques and Household Goods Located at 1216 Main St , Akron, PA Terms by Joseph A & Margaret Bonacuse T Glenn Horst Auctioneer

TUES MAR 18 - Kiebach Dispersal at Lewis Co , NY on Rt 177 between Adams Center and Lowville, NY at New Boston, 110 head interstate tested mature Holsteins and Machinery Owners Mr & Mrs Harold Kiebach 315-376-2013 Auctioneers Vic & James Pirrung, Jerry Pirrung, Robert Shaylor

TUES MAR 18 - 9 00 A M Public Sale of Holstein Heifers and Farm Machinery Located in Mifflin Co , about ½ mile west of Reedsville, PA on Rt 655, turn north on Airport Rd Dan J Swarey Owner Mark Glick Auctioneer

TUES MAR 18 - Cedar- Shade Farm Holstein Dispersal for Paul & Mary Gsell Located 9 miles south of Chambersburg, PA Ralph W Horst and Robert Mullendore Auctioneers

TUES MAR 18 - Carlisle, Pa Full Line of Latest Farm Machinery, Tools and Misc Items Zeigler Bros , Owners, Art Kling, Auct

WED MAR 19 - 9 A M Consignment Sale by David H Good Located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co , PA Watch for sale signs F Snyder, R Martin, C Wolgemuth J Fry and L Horst Auctioneer

THURS MAR 20 9 00 A M Public Sale of Machinery, Tools, Produce, Etc Located in Centre Co , ¼ mile west of Rebersburg, PA on Rt 192, Mel Stoltzfus, Rebersburg, PA Owner Glick, Gibboney & Snyder Auctioneers

THURS & FRI MAR 20-21 - Large 2 day sale at Horst's Machinery Sales Yard, ½ mile east of Marion, PA Ralph W Horst Sale Manager

THURS MAR 20 - 6 00 P M Public Sale of Outstanding Antiques Held at the Brickerville Fire HAll, located just off Rt 322 (between Ephrata and Hershey), Brickerville, PA Terms by Anne Reese and Helen Richardson T Glenn Horst Auctioneer

FRI MAR 21 - Newport, Pa Complete Line of Top Quality Farm Machinery, incl 7 tractors & Misc Items — Howard Barkley, Owner Art Kling, Auct

FRI MAR 21 - Public Auction of Farm Machinery, Livestock and Household Goods located along Good's Drive 1 mile west of Hinkletown, ½ mile north of Fairmont Rest Home Sale by Aaron I Martin Frank and Paul Snyder, Auctioneers

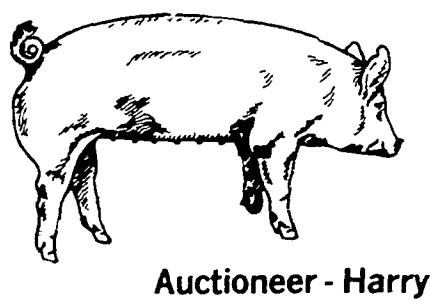
SAT MARCH 22 - Public Auction of Modern Farm Machinery, Household Goods for Mr & Mrs Ralph Moyer, RD #4, Lebanon off Rt 322 South of Umbergers Mill in Fontana Harry H Bachman and Earl Buffenmeyer, Auctioneers

SAT , MARCH 22 - 9 A M Farm Equipment, Household Goods & Livestock Located approx 1 mile south of Muddy Creek, Corner of Muddy Creek Rd & Lausch Rd East Cocalico Twp , Lanc Co Terms by Martin N & Mary Hoover Elton & Alvin Horning Auctioneers HORNING FARM AGENCY, INC

Lawrence, Leon and Thomas Arnold
13th PRODUCTION

SALE
OF

Yorkshires



Durocs

Auctioneer - Harry Bachman, Annville, PA

50 Bred Gilts
30 Yorkshire bred Yorkshire
20 Duroc bred Duroc
60 Commercial Yorkshire bred Yorkshire
All bred gilts are hand mated. Pick due dates to fill your farrowing schedule.

50 Open Gilts (Ready to breed)
25 Registered Yorkshire or Duroc
25 Commercial Yorkshire or cross bred

40 Boars
25 Yorkshire
15 Duroc
7 - 8 months old, ready for heavy service

Friday Afternoon
February 22, 1980 1:00 P.M.
SALE TO BE HELD AT THE
Lebanon Area Fairgrounds
(CORNWALL & EVERGREEN ROADS, 1½ MILES SOUTH OF)
Lebanon, Pa.

FOR CATALOGUE WRITE TO
LEON L. ARNOLD, R.D. 7, BOX 705, LEBANON, PA. 17042
OR CALL 717-273-5880

LARGE 2 DAY

PUBLIC SALE

OF FARM EQUIPMENT, CARS, TRUCKS, MEAT EQUIPMENT, LANDSCAPING EQUIPMENT, OFFICE EQUIPMENT, NURSERY STOCK INVENTORY
SATURDAY, FEBRUARY 16 & 23

Sat., February 16
Starting at 9:00 a.m.
Small items sold first

Location - Take Rt. 34 north from Carlisle to junction 850 (Handy Market), turn left 3 miles to Davis Nursery Center, Carroll Twp., Perry Co., PA. Watch for sale signs.

MEAT STORE EQUIPMENT
(2) Penn K D walk-in coolers; Tyler meat display case BUV8TP, 20 ft., model 78-70; Tyler Island Produce case 16 ft. with dry display end model 411031; Universal cabinet freezer; (2) cutting tables (8'x30"); Hobart tenderizer; Hobart meat saw table; Hobart meat grinder; Hobart food processor; stainless steel sink & miscellaneous items including pans, hooks, trays, paper.

GREENHOUSE & EQUIPMENT
(2) 100 ft. Superlift aluminum truss poly houses; (4) Modina gas unit heaters; (6) 3 ft. exhaust fans & shutters; (2) Powermatic oil fired unit heaters; plant tables; soil mixer (model SM-1Y-3 10 ft. conveyor); seed germination unit, fertilizer injector; airafier; fertilizer speaders; 2" irrigation pipe; nursery plant pots, 1, 2, & 3 gal.; burlap; vermeer baskets; post hole digger; roto hoe soil shredder; portable Salamander heater; misc. pots, and flats.

LAWN & GARDEN SUPPLIES
Scotts fertilizer including Lawn Pro products; Prolawn fertilizer products; Ortho products; Sterns products; garden seeds; misc. clay and baskets & pots.

NURSERY STOCK INVENTORY
30 acres of evergreens, shade trees, flowering trees and shrubs.

Sat., February 23
Starting at 10:00 a.m.
Small items sold first

Location - 2 miles west of Elizabethtown off Rt. 230 on Hoffa Rd., Lancaster Co., PA. Watch for Davis Turf, Inc. Landscaping Garden Center.

TRUCKS
1976 Chev. pickup; 1968 Int. stake body with hyd. lift tailgate; 1979 Dodge Coachman van; 1964 Ford flat truck dump; 1964 Int. Van body; 1970 Int. flat dump truck, 1969 Int. stake body; 1963 Int. flat dump; 1978 Ford Flat dump; 1979 Chev. pickup; 1965 Int. pickup; 1978 Ford crew cab pickup; 1974 Int. van body; 1966 Chev. tank truck; 1964 GMC flat bed; 1974 Ford dump; 1967 Ford dump; 1961 Int. dump; 1970 Int. flat dump; 1956 Mack asphalt dist.; 1970 Chev. van; 1962 Diamond T tractor truck, cummins diesel; 1974 Mack tractor truck with sleeper, very low milage; 1963 Mack with spreader body; 1971 Int. flat dump; 1967 Int. flat dump; 1963 Mack truck tractor; 1967 Int. roll back equipment body, 1970 Int. crew cab pickup; 1970 Chevy van; 1971 Int. truck with 1500 gal. hydro seeder; 1968 Ford van, 1963 Mack truck tractor.

TRAILERS
1957 Trailmobile tanker, as is; Smithco trailer; 1966 Freuhauf drop deck; 1941 Trailmobile cattle trailer; 1959 Freuhauf bulk tankers, (2) Freuhauf van, Kentucky flat with side-o-matic; 2 axle tag-along; 3 axle tag-along; 1971 Trailco flat; 1968 Troyer flat; 1973 movall trailer; Freuhauf dump trailer.

CARS
1979 Cadillac; 1971 Cadillac; 1975 Cadillac; 1976 Chev. El Comaino; 1976 Int. Scout.

FARM TRACTORS
1967 1850 Oliver 4 WD; 1974 Ford tractor with Brower sod harvester; NH loader; Int. B414; 6000 Ford; 3600 Ford; 1957 Ford; 8000 Kubota; model 850 Case crawler; Ford 3000; 1968 Int. backhoe; 1850 Oliver; Int. dozer; 1255 Oliver with backhoe and loader; Int. with loader; Vermeer tree digger; Davis Trencher; 1973 140 Int. diesel; 1973 Int fork lift; 1973 Ford tractor with loader; Farmall C tractor; 1974 Ford 4000 diesel; 1974 Ford 4000 diesel; Tree digger-loader.

FARM EQUIPMENT
1000 gal. hydroseeder (junk); 1500 gal. hydroseeder (on #36); (2) Finmulchers; Rinco mulcher; power roller; walker power; tamper power, mixer, box; above ground Trogan pool; AC combine with corn and grain heads; Owatonna hay binder; NH baler; NH hay rake; hay elevator; 2 hay wagons; Gehl harvester with corn and grass heads; corn silage heads; 3 silage wagons, 1 Badger, 2 Gehl; AC no-till corn planter; 350 bu. corn dryer with gas tank; grain elevator, NH blower; Hammermill; grain drill John Blue sprayer; (2) Lely fertilizer spreaders; 3 pt. Jackson seeder; polly layer; 5 bottom Oliver plow; 3 bottom plow; chisel plow; (2) Athens disc; Oliver disc; 3 Brillion mulchers; 12' Brillion; tack trailer; 1000 gal. water tank; Lely roterra; 2 Howard hand tillers, 3 pt. Howard tiller; New hand tiller; post hole digger, 3 pt., (2) hyd. post hole diggers, Vermeer tree spade with case; (3) Olson boxes; (2) 10' Brillion seeders; 8' Brillion seeder, 3 pt.; (2) Anderson pickers; sickle bar mower; 5 ft. rotary mower; 5 ft rotary mower, 3 pt.; rotary for 140; rotary for Kubota; tiller Kubota; Ford irrigation pump; 2", 4" & 6" irrigation pipe; manure spreader; portable welder, portable welder & generator; Hyd. floor jack; misc. shop supplies, pressure washer.

TURF & NURSERY STOCK
50 acres turf, 20 acres of nursery stock.

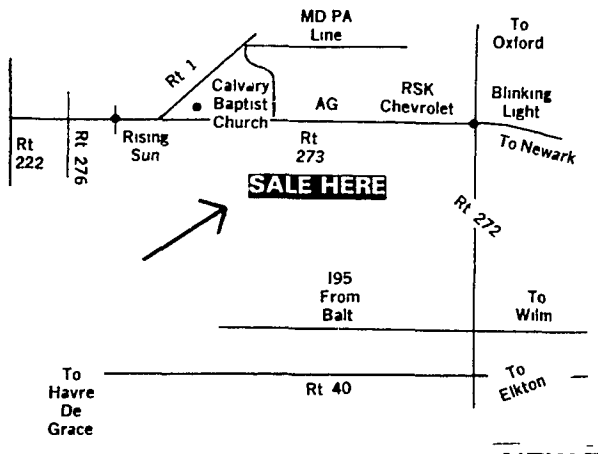
OFFICE EQUIPMENT
6 desks, 8 files; check writer, (2) Olympia electric typewriters; 4 adding machines; 1 file case, copy machine, (2) tables, steam jenny
Terms: Cash or approved check sale day.
For inspection call owner.

Sale by:
DAVIS TURF, INC.
For information call
717-944-1436

Auctioneer:
Nelson C Weidenbaugh
540 N Lewis Rd
Royersford, PA 19468
215-948-7619

Lunch Available

SECOND ANNUAL
PUBLIC AUCTION
OF USED & NEW FARM EQUIPMENT
SATURDAY, FEBRUARY 23, 1980



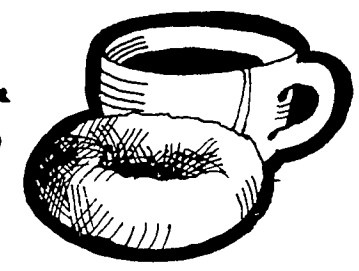
9:00 A.M.

BLIZZARD DATE — FEBRUARY 26

NEW EQUIPMENT

BRILLION CPP02 Chisel Plow
BRILLION STS-10 Field Cultivator
BRILLION Landscape Seeder
BRILLION Lanscape Rake
CRUSTBUSTER Offset Disc
(3) KILBROS Gravity Box
(2) KORY 12-ton Running Gear w/tires
NEW IDEA 456 Round Baler
NEW IDEA Wheel Rake
(6) NEW IDEA 116 Fert. Spreader
NEW IDEA 404 Wheel Rake
NEW HOLLAND 258 Rake
NEW HOLLAND 12-ton Running Gear w/tires
(2) NEW HOLLAND 12-ton Running Gear w/o tires
NEW HOLLAND 256 Rake
NEW HOLLAND 38 Flail Chopper
(2) Post-hole Digger - 10"
Motor Lift
(6) 3-pt. Hitch Blades (various sizes)

FREE COFFEE & DONUTS ALL DAY!



USED EQUIPMENT

TRACTORS
ALLIS-CHALMERS C Tractor w/saw, plow, cultivator & post-hole digger
JOHN DEERE A Tractor
ALLIS-CHALMERS C Tractor w/mower
MASSEY FERGUSON 65 Tractor
CASE 530 Tractor
OLIVER 55 Tractor w/Sauder Bros. Loader
FORD 2000 w/loader
CASE DC w/3-pt Hitch
CASE 470 w/loader
FARMALL H Tractor
ALLIS-CHALMERS WC Tractor
DAVID BROWN 885
MINN M[illegible]INE - Model U
JOHN DEERE 2030 w/loader
ALLIS-CHALMERS 5040
ALLIS-CHALMERS 190 XT

BALERS
NEW HOLLAND 281 Baler
NEW HOLLAND 269 w/motor
NEW HOLLAND 273 Baler
NEW HOLLAND 78 Baler
MASSEY FERGUSON Baler
JOHN DEERE 24-T Baler
NEW HOLLAND S-68 Baler

ELEVATORS
41' Auger w/motor
10' Auger w/motor

BLOWERS
NEW HOLLAND 27 Blower (Whirl-a-Feed)
NEW HOLLAND 23 Blower-Hopper
FOX BHB Hopper Blower

HAYBINES & MOWER-CONDITIONERS
INT HARV 225 Windrower
NEW HOLLAND 469 Haybine
(2) CASE 555 Mower-Conditioner
CASE 650 Windrower
HESSTON 500 Windrower - Self-Propelled
MATTHEWS 12' Rotary Scythe
HESSTON PT10 Mower-Conditioner
(3) NEW HOLLAND 479 Haybine
NEW HOLLAND 461 Haybine
NEW IDEA 279 Cutditioner

HARVESTERS
NEW HOLLAND 1880 Harvester w/3 Heads
(2) NEW HOLLAND 880W W P U
(2) NEW HOLLAND 880N3 Corn Head
NEW HOLLAND 770 Harvester w/2-row Corn Head, W P U
NEW HOLLAND 880 R2
NEW HOLLAND 2-row Wide Head
NEW HOLLAND W P U
FOX 2CB 2-row Corn Head
FOX IF546 w/o Heads
INT HARV 550 Harvester
NEW IDEA 4 row Snapper
NEW IDEA 2-row Corn Silage Head

LAWN AND GARDEN
SIMPLICITY 717 8 HP w/36" Mower
JACOBSEN 12 HP Hydro
INT. HARV 71 Cadet w/mower
ALLIS-CHALMERS B112 w/mower & blade
ALLIS-CHALMERS B207 w/mower
ALLIS-CHALMERS 310 w/mower
ALLIS-CHALMERS B10

FORAGE WAGONS
(2) ALLIS-CHALMERS Forage Box w/gear
KASTEN Forage Box
GEHL Wagon
JOHN DEERE 122 Wagon
JOHN DEERE 125 Wagon
JOHN DEERE 115 Chuck Wagon
JOHN DEERE Auger Box
JOHN DEERE Forage Wagon
(2) 16' Bale Wagon w/Knowles P8000 Gear & Lamco L58 Rack

SKID STEER LOADERS
MASSEY FERGUSON 711 Loader
MELROE Bobcat 600 Loader
CASE 1740 Die Loader - recond.
CASE 1530 B Loader
MELROE 600 Loader
DUNHAM LEAR Loader w/Fork & Bucket

COMBINES
ALLIS-CHALMERS E Combine w/2-row 10' Grain Head
CASE 1010 w/Grain Head
UNI-SYSTEM 702 D Combine w/Sheller & 3-row Head
1975 MASSEY FERGUSON 760 Combine w/15' Gr Hd.
1975 MASSEY FERGUSON 440 4RW Head
1978 MASSEY FERGUSON 630 6RN Head

RAKES
NEW HOLLAND 258 Rake w/Hyd
INT. HARV Rake
VICON V Rake
FARM HAND Wheel Rake

MOWERS
NEW HOLLAND 450 9' Mower
(2) NEW HOLLAND 451 Mower
MASSEY FERGUSON 3-pt Hitch Sickle Mower
LILLISTON 7'6" w/hyd cyl.
MOHAWK 66 Roto-cutter
SUNMASTER 7.5 Mower
JOHN DEERE 6' 3-pt Rotary
WOODS C80 Mower
NEW IDEA Pull-type Sickle Bar Mower

CORN PLANTERS
(2) INT HARV 400 Cyclo Planter
JOHN DEERE Corn Planter
ALLIS-CHALMERS 600 Planter
ALLIS-CHALMERS 4-row Planter

MANURE SPREADERS
NEW IDEA 218 Spreader
(2) NEW HOLLAND 518 Spreader
NEW HOLLAND 365 Tank Spreader
NEW HOLLAND 368 Spreader

TILLAGE EQUIPMENT
JOHN DEERE 10' Pull-type Chisel Plow
CASE 9' Chisel Plow
BRILLION 12' Pulvimulcher
JOHN DEERE Rolling Harrow
BRILLION 101 Cultipacker
ALLIS-CHALMERS 4-row Cultivator
JOHN DEERE 12' Chisel Plow
ATHENS 9' Chisel Plow, 32" Shank, Spring
JOHN DEERE 10' Cultimulcher
INT HARV 55 Chisel Plow

MISCELLANEOUS
KUHN Hay Tedder
NEW IDEA 324 2-row Picker
JOHN DEERE 310 Mixer Wagon
JOHN DEERE 34 Chopper
Grain Auger
ONTARIO 14' Drill
Tedder
NEW IDEA 12' Stalk Shredder
NEW IDEA 109 Fert. Spreader
NEW HOLLAND 352 Grinder-Mixer
3-PT Round Bale Forks
(2) WETMORE Grinder Blower
CASE Stalk Shredder
GANDY 3-pt Applicator
Post Driver/Shaver
NEW IDEA 1-row Corn Picker
1964 International 220 Lime Truck
M-C Chopper
ONTARIO Drill
1968 Dodge Flat Dump Truck (Hvy. Duty), (Air Brakes)
1973 GMC Flat Dump Truck
OWATONNA 117 Grinder Mixer
35' Fruehauf Flat Bed Trailer - 6 Tandem Axle
Goose-neck Trailer
Walsh 300 gal. Sprayer
Edwards Tree Hoe w/3-pt Hitch
1973 Fontaine 40' Flat Trailer - 4 ft Grain Sides - Sliding Tandem, 22" Rubber
Hinman Glass Pipeline Milker w/Heavy Duty Pump
Countrymaid 250 gal. Milk Tank
Jamesway 225 gal Milk Tank
1971 Ford 4-Whl Drive Truck
Atlas Motor Analyzer Tune-up Services
Coats Super Star 20-20 Tire Changer
Electrolux Heavy-duty Vacuum Cleaner
Metal Tool Box - 3 drawers
Battery Charger - Heavy-duty
MT 552 A Starting & Charging Circuit Tester (snap-on)
40 Gal Anti-freeze

— FORKLIFT AND DOCK AVAILABLE FOR LOADING —

ITEMS SUBJECT TO CHANGE DUE TO DAILY SALES

AUCTION BY:
AGRICULTURAL INDUSTRIAL EQUIPMENT CO.
Rt. 273 Rising Sun, MD
301-658-5568 301-398-6132
AUCTIONEER - BLAINE RENTZEL
FOOD AVAILABLE

Public Sales Register

**Closing Date - Monday, 5:00 P.M.
of each week's publication**

SAT MARCH 21 - 6 30 P.M Consignment of Feeder Cattle & Feeder Pigs at Keister's Middleburg Auction Sales, Inc Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Don & Walt Keister, Owners Larry Long Auctioneer

FRI. MAR 21 - 5.00 P M Kempton 17th Annual Community Spring Sale of Tractors & Farm Trucks. Kempton Community Center, Kempton, PA

SAT. MAR 22 - Farm Equipment Dispersal for Harold Appleby, Located 1 mile north of Upper Strasburg, PA, Franklin Co , Ralph W Horst Auctioneer.

SAT MAR 22 - Consignment Sale of Tractors, Implements, Trucks, Contractors Equipment, Tools, Towne Tractor, Freehold, NJ We will pickup your consignment 201-431-3838

SAT MAR. 22 - 9 00 A M. Small Items and Farm Equipment, 17th Annual Spring Sale, Kempton Community Center, Kempton, PA

SAT. MARCH 22 - Annual Gap Fire Co. Sale, Gap, Pa Selling Household Goods, Antiques, Farm Machinery, Tools & Much More Auctioneer Ira Stoltzfus & Son.

SAT. MAR 22 - Myerstown Brethren Men's Work consignment Sale, held at Brethren Grove, 1 mile north of Rt 422 on Rt 645 to Stracks Dam Rd Please put in your listings 866-2591 Kermit Oxenreider Sale Manager.

SAT MAR 22 - 11 00 A.M Public Sale of 140 head Registered and Grade Holsteins Held at the Belleville Livestock Market, Belleville, PA. Kore E Kauffman Owner. Mark Glick Auctioneer

SAT MAR 22 - 9.00 A M Public Sale of Horse Drawn Farm Machinery, Horses & Tools Located 3 miles south of Honeybrook, ½ mile East of Rt 10, along King Rd Abner B King Owner LeRoy S Horst and Paul W Horst Auctioneers

SAT. MARCH 22 - 10 A M. Public Sale of Full Line of Farm Machinery, Trucks, Hay, Straw & Ear Corn Located 1½ miles West of the junction of U S 15 & Interstate 80, Union Co , Pa H. H. Mylin Owner George H Dietrick Auctioneer

SAT MAR 22 - 9 30 A M Public Sale of Farm Machinery, Car, Antiques & Household Goods Located about 1½ miles northwest of Fawn Grove off Rt. 851 along Brown Rd or 1½ miles northeast of New Park, PA near Gatchelville in Fawn Twp , York Co , PA Ruth P. & John M Brown Owners. Robert L. & Thomas H Sechrist, Auctioneers.

SAT MAR 22 - 10 00 A M Farm Equipment Sale to be held at Milton Hershey School Farms, Farm 77 Service Center, Route 743 North of Hershey Richard C Hann, Superintendent PH 717-534-3507

SAT. MARCH 22 - Large Machinery Auction by Members of the Bi County Equipment Dealers Association To be held just North of Jamestown, NY on Rt 60 Auction by Goodrich Auction Service

MON , MAR 24 - M M Weaver & Sons, Inc. Annual Public Auction of New and Used Farm Equipment located on North Groffdale Road, Leola, Pa John E and Paul E Martin, Auctioneer

MON MARCH 24 - 12 30 P M - Second International Red & White Heifer Sale and Herrvale's Milking Herd Dispersal, Guernsey Sales Pavilion, Rt 30, Lancaster Sale Manager, Red & White Dairy Cattle Association

MARCH 24-25 - 9 30 A M Consignment Sale Located at S Race St , Myerstown, Pa 17067 Sale held by Wengers Farm Machinery, Inc

TUES. MAR 25 - Farm Equipment Auction Sale for Paul & Mary Gsell Located 9 miles south of Chambersburg, PA Ralph W Horst Auctioneer

WED MAR 26 - 3 00 P M Easter Lamb & Goat Sale Held at the Belleville Livestock Market, Belleville, PA

WED MARCH 26 - 9 30 A.M Sharp Annual Public Sale of Complete Assortment of Tractors and All Types of Farm Equipment by Geo V Seiple and Son, Easton, Pa Consign your surplus machinery

FRI MAR 28 - 5 00 P M Household Goods & Antiques at the 17th Annual Spring Sale, Kempton Community Center, Kempton, PA

FRI MAR 28 - 10 00 A M Public Sale of Full Line of Good Modern Farm Machinery Located in Mifflin Co , 3 miles west of Reedsville, PA on Rt 655 Kore E Kauffman Owner Mark Glick Auctioneer

SAT MARCH 29 - 11 A M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc , Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Larry Long Auctionneer

SAT MAR 29 - 1 00 P M Public Sale of Bred Gilts, Open Gilts & Boars, Sale held by Calvin H Lazarus & Sons (Duroc, Yorkshire & Spotted) at our farm in Whitehall, PA, with guest consignor Terry Bennecoff & Son (Hampshire & Berkshire), Harlan Wessner & Family (Landrace) For Catalog - Calvin Lazarus, 4290 Bridge St , Whitehall, PA 18052 215-799-3375

SAT MAR 29 - 10 00 A M Household Goods, Antiques, Lawn & Garden Equipment at the 17th Annual Spring Sale, Kempton Community Center, Kempton, PA

SAT MAR 29 - Public Sale of Farm Machinery and Tools Located near Washington Boro Sale for Yakubowski & Barley Bros Kreider & Petersheim Auctioneers

PUBLIC SALE
SATURDAY, FEBRUARY 9
1:00 P.M.
Held at the Lebanon Co. Fairgrounds, Lebanon, PA.

Selling:
60 head Boars,
Bred Gilts,
Open Gilts - All Breeds
Berks - Lehigh Co.
Pork Producers Assn.

For Catalogs Write
Terry Bennecoff
RD 2, Kutztown, PA 19530

SHORT NOTICE SALE

TWO HERD DISPERSALS
SATURDAY, FEBRUARY 9
12:00 NOON

COMPLETE GRADE HERD FROM VERMONT
COMPLETE REGISTERED HERD FROM CONN.

To be held at Smoketown Quality Dairy Sales, 5 miles East of Lancaster, 5 miles West of Intercourse, Pa.

Registered herd records started as 2 yr. olds - Due to Top Eastern A.I. Sires.
3 yr. R Maple - Due May - Projected 21,346 - 730.
2 yr. Elevation - Granddaughter - Due May - projected 18,410 601F.
2 yr. Bold Chief - Due Aug. - projected 18,216 - 729
2 yr. Sevens - Due Sept. proj - 18,117 - 646.
2 yr. Seaman - Due July prog. 17,306 - 664.
3 yr. Willow - Due April - proj. 17,155 - 662.
3 yr. R. Maple - Due May - proj. 16,157 - 549.
3 yr. Seaman - Due April - proj. 15,837 - 585.
2 yr. Seaman - Due June - proj. 14,675 - 525.
2 yr. Bold Chief - Due May - proj. 14,093 - 581.
3 yr. Pat - Due May - proj. 13,634 - 503.
2 yr. Chief Maker - Due May - proj. 13.927 - 456.
2 yr. Sevens - Due June proj. 15,626 - 532.
2 yr. Bold Chief - Due Oct. 57 lbs. daily.
2 yr. Regency - Due Aug. 50 lbs. daily.
2 yr. Willow - Due Aug. 42 lbs. daily.

Herd Average right at 16,000m. Cows average 43 lbs. These heifers were never pushed for top production. They are rough boned and will improve for future foundation cows.

SELLING AT BEGINNING OF SALE
Magnetic - DeLaval Milking Equipment - 4 units 40 lb. pails plus 1 extra 40 lb. pail. A-1 shape, ready to go.

Grade herd out of Vermont.
Four 1st calf heifers in this herd. These cows are averaging 54 lbs. per day. Cows milking 50 to 80 lbs. per day. Cows due from May to Sept. They are good uddered cows. All home raised. Fresh and springing cows.

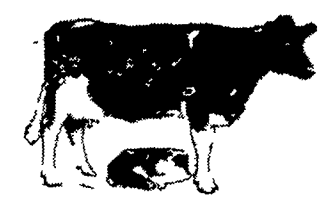
One Load of Fancy Reg. Cows out of New England States. Sires include:
5 yr. Reg. C Romandale Shalimar Magnet - Due Feb. 10 to Bold Chief.
5 yr. Reg. Birchland Citation M. Ditto G.P. Due Feb. 3 t CA - Lill Stand Out Cavalier.
4 yr. Reg. Nicolk Sunshine Bold Chief. Due Feb. 9 to Richholm Mutual.
Reg. 1st calf - Glen Moore Signet-Red. (Fresh).
2 yr. Reg. Rugua Ivanhoe Kismit Kid
6 yr. Reg. Woodnorth Supreme Max Fondy
3 yr. Reg. Red & White cow.

3 yr. Reg. Collins Crest Majesty - 331 da, 15,423m. 582F. with heifer calf by Straight Pine Elevation Pete. P.D.M. Pete +1898 P.D.T. 1.82+

One Load of Fancy Reg. and Grade Canadian cows.

Sale By:
GORDON W. FRITZ
717-393-0930

Cows milked at regular time
Cash or good check night of sale
Carl Diller, Auctioneer
Henry Kettering, Pedigrees
FREE LUNCH FOR THE DAIRYMAN



1 Complete Western Maryland Herd Dispersal

Held at Shady Lane Dairy Sales, ¼ mile west of Quarryville, PA, off Rt. 372 on Oak Bottom Rd.

SATURDAY, FEBRUARY 9
11:00 A.M.

Blizzard Date
MONDAY, FEBRUARY 11
11:00 A.M.

80 Head Registered & High Grade Holsteins

This sale consists of 1 herd of 68 good young cows, 18 recently fresh, 20 close and dry, balance in all stages of lactation. A real good working herd that will go home and do well. A lot of summer cows selling only due to loss of farm. A Quick Sale.

Also 20 fresh cows and springers right from the farm. Farmers, if you need cows, plan to attend this sale. A good opportunity to buy cows.

Call for transportation by Friday, 5 p.m.

30 day TB & Blood tested, pregnancy examined.

Terms By,
SHADY LANE DAIRY SALES
Quarryville, PA 17566
Owners
Glenn D. Fite 717-786-2570
David L. Fite 717-786-1725

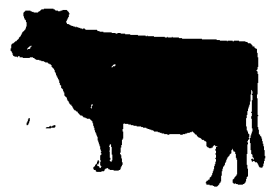
Terms - Cash or good check sale day.
Not Responsible For Accidents

Public Sales Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

APRIL

WED APRIL 2 - 9 A.M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave. in Leola, Lancaster Co, Pa. Watch for sale signs. F. Snyder, R Martin, C. Wolgemuth, J. Fry and L. Horst, Auctioneer.



THURS APRIL 3 - Monthly Cow Sale at the Melvin Kolb, Inc. Sales Barn, 2220 Dairy Road, Lancaster, Pa. 17601 Dennis Kolb, Sales Manager; Robert Mullendore, Auctioneer

SAT APR 5 - Wakefield Lions Club Public Sale at Powls Feed Mill near Wakefield, PA. Kreider & Petersheim Auctioneers

SAT APR. 5 - 9 30 A.M Inventory Reduction Sale of Farm Tractors, Machinery, Industrial Tractors and Machinery Marshall Machinery Inc, Rd 4 Rt 652, 5 miles east of Honesdale, PA 717-729-7117

SAT APRIL 5 - Millerstown, Pa Full line of Farm Machinery incl Self-Propelled Haybine — Wayne Benson, Owner. Art Kling, Auct

FRI. APRIL 11 - 11 00 A M. Horse Sale at New Holland Sales Stables, New Holland, PA

FRI. EVE, APRIL 11 - C H Wolgemuth & Sons Special new tool sale. Located at our place of business, 4 miles West of Manheim, Lancaster Co. Pa Take Hosler Rd to Valley Rd Just North of Rt. 283 and 10 Minutes from Lebanon- Hershey turnpike exchange Exit 20

SAT. APRIL 12 - C H Wolgemuth & Sons Annual All Day Consignment Sale. Farm Equip. Tractors, Etc Located 4 miles West of Manheim, Lancaster Co Pa Take Hosler Rd to Valley Rd Just North of Rt 283 and 10 Minutes from Lebanon-Hershey turnpike exchange Exit 20

SAT. APR 12 - 9 30 A M Belleville Mennonite School Sale of Young Cattle, Some Registered Heifers, Hand Made Quilts, Crafts, Etc. Sale by Belleville Mennonite School, Glick & Gibboney Auctioneers.

SAT APRIL 12 - Ickesburg, Pa. Backhoe, Farm Equipment, Antiques & Household Goods, Anna K Weibley, Owner. Art Kling Auct

SAT APR 12 - Inventory Reduction Auction at Capitol Tractor in Troy, NY. Auction by Goodrich Auction Service.

WED APRIL 16 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co, Pa. Watch for sale signs. F. Snyder, R. Martin, C Wolgemuth, J. Fry and L Horst, Auctioneer

THURS. & FRI APRIL 17 - 18 - Large 2 day Sale at Horst's Machinery Sales Lot, ½ mile east of Marion, PA Ralph W Horst Sale Manager

FRI APR. 18 - 6 30 P.M Consignment Sale of Feeder Cattle & Feeder Pigs at Keister's Middleburg Auction Sales, Inc., Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Larry Long Auctioneer.

SAT. APRIL 19 - 14th Colonial Charolais Spring Sale, at the Famers Livestock Exchange, Boonsboro, Md Sale managed by Buzz Garey, 100 Walnut Lane, Morrisville, Pa

SAT APR. 19 - Public Sale of Personal Property in Landisville, PA Sale for Raymond Hostetter, Kreider and Diller Auctioneers

FRI, APRIL 25 - 6 P.M. Sale of Bred Gilts, Open Gilts & Boars. Located at the Lebanon Fairgrounds, Lebanon, Pa. Sale by Leon, Lawrence, & Thomas, Arnold. For information write or call Leon Arnold, Rt 7, Box 705, Lebanon, Pa. 717-273-5880

FRI APR. 25 - 6.00 P M. Annual spring heifer Sale of 300-400 registered and grade Holsteins Held at the Belleville Livestock Market, Belleville, PA. Mark Glick, Reedsville, PA Auctioneer

SAT APR. 26 - 11 A M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc., Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Larry Long Auctioneer

SAT APR 26 - Pennsylvania Bred Heifer Sale in Mercer, PA Sponsored by PA Jersey Cattle Club, Inc

MAY

THURS MAY 1 - Monthly Cow Sale at the Melvin Kolb, Inc. Sales Barn, 2220 Dairy Road, Lancaster, Pa. 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

FRI MAY 2 - 7 00 P M Horse Sale at New Holland Sales Stables, New Holland, PA

WED MAY 7 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co, Pa Watch for sale signs F Snyder, R Martin, C. Wolgemuth, J Fry and L Horst, Auctioneer.

SAT MAY 17 - 2 Great Sales in One - Royal Bull Sale & Spring Female Sale. Located at the Royal Charolais Co, Greensburg, PA. Sale managed by Buzz Garey, 100 Walnut Lane, Morrisville, PA

WED MAY 21 - 9 A M. Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co., Pa Watch for sale signs. F. Snyder, R Martin, C. Wolgemuth, J Fry and L Horst, Auctioneer

JUNE

SAT. JUNE 21 - Colonial Invitational Heifer Sale Host farm. Myers Charolais Farm, Clear Spring, Maryland Sponsor Colonial Charolais Association Sale manager Buzz Garey 100 Walnut Lane, Morrisville PA 19067.

AUGUST

SAT AUG. 23 - Paramont Ranches Production Sale, at the ranch, Abingdon, VA. Sale managed by: Buzz Garey, 100 Walnut Lane, Morrisville, Pa., 19067

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle
MARLIN S. IRWIN
Quarryville, PA
Ph: 717-786-3016

HOLSTEIN COW SALE

THURSDAY, FEBRUARY 7

Time: 12:00 Noon
MELVIN KOLB, INC.

LOCATION: At the former Black & White Farm west of Lancaster on Dairy Road. Take Rt. 283 west of Lanc., exit just beyond ABC Stud Barns at Flory's Mill Rd., turn left after exiting, go to mill, then sharp right under railroad bridge. Barn within sight of route 283.

150 Head — Fresh Cows, Fresh Heifers, Close Springing Cows, Close Springing Heifers, Purebred Cows, Purebred Heifers — 150 Head

40 head of real fancy Purebred cows, some classified Very Good with good records and pedigrees. 35 Purebred first calve heifers, large in size and the best quality. 40 head of big fancy grade cows. 35 head of grade first calve heifers.

SPECIAL MENTION:

A ex 5 yr. old C WENSON TELSTAR TINA daughter, fresh 12-19-79, as 4-02 369 15272 4.0 614f; A two year old ROUND OAK RAG APPLE ELEVATION dau., from a VG-85 dam as 6-2 399 18956 4.2 784f, next dam GP-83 as 6-4 20424 4.2 843f, pasture bred 5-1-79 to 7-15-79 to a son of MILU BETTY IVANHOE CHIEF, his dam VG-88 next 4 generations are VG; A 3 yr. old PACALAMAR ASTRONAUT dau. Gp-81 as a 2 yr. old 2-3 318 14,474 3.9 570f, her dam GP-81 as 3-2 384 23648 4.3 1035f, next dam GP-81 as 6-01 342 17790 4.2 748f, bred 5-5-79 to WHITELYN BOOKMAKER RUMLER: A 6 yr. old VG-85 WILLOW FARM ROCKMAN IVANHOE daughter with her dau. 3 yr. old GP-83 COTTERDALE ASTRONAUT KING, the WILLOW as 5-3 305 18642 4.4 814f, bred 5-15-79 to DIAMOND S KINGMAN, her daughter as a 2-1 294 12085 4.0 482, bred 5-1-79 to STRAIGHT PINE ELEVATION PETE, this family is all 4.0% thru 3rd generation, a 6 yr. old VG-87 REVLUC JAMIE daughter, due Feb., as a 5-04 302 18775 3.8 720f; A Real fancy 4 yr. old PETERS FARM ABC IVANHOE daughter with dam WARNER DELL MARQUIS BRAD daughter, the PETERS FARM ABC IVANHOE dau., bred 2-5-79 to WHITTIER FARM ASTRO GALAXY, as 3-3 284-16285 524, her dam bred 2-24-79 to LITTER BURGKOV TRUMPS, as a 7-8 292 18309 3.5 656f, Lifetime 109,338m 3894f, neither one of these animals has been classified, I am sure they will go VG. The young cow, I think, is a prospect for an excellent cow.

Some of these cows are sired by the most popular bulls. There's too many more top Purebreds to list in ad individually. Some of the cows are milking 80 to 100 lbs. per day. Plus, many of the first calve heifers are milking 60 lbs. per day.

FARMERS, if you need milk just come and look for yourself. There will be cows or heifers, Purebreds or grades, to suit the most particular buyer. We recently picked the better ones from the best herds in Wisconsin, Maine, New Hampshire, New York, Pennsylvania, and Maryland. We're really trying to buy the kind that can do you the most good.

Several Purebred heifer calves will also be sold.

Please come to this sale, you won't be disappointed!

Thank You,
MEL KOLB

Terms: Cash on day of sale. Not responsible for accidents.

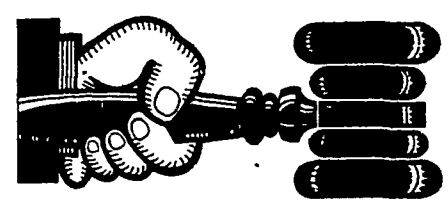
ATTENTION: Free transportation for Lancaster County Amish. If you would like to come to the sale, please call no later than Wednesday morning, Feb. 6, 1980, and someone will pick you up.

Robert Mullendore ..... Auctioneer
Marvin A. Eshleman ..... Pedigrees
Ressler & Stoffa ..... Clerks

Lancaster Farm:
Dennis Kolb, Manager
2220 Dairy Rd.
Lancaster, PA 17601
PH: 717-569-2106 or 569-6800

Maryland Farm:
Thomas Miller, Manager
11342 Woodsboro Cragerstown Road
Woodsboro, MD 21798
PH: 301-898-7730

- PRIVATE SALES AT BOTH LOCATIONS DAILY -



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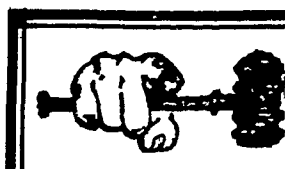

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Checker™ Gilts

The all important other half

Half your income potential comes from the gilts you farrow. That's why Checker™ Gilts are bred to lower your feed costs and at the same time increase your pork production. They're bred to farrow big litters of fast gaining market hogs.

Each Checker Gilt is raised under one of the industry's most comprehensive health programs.

Kleen Leen health measures include

- **Raising all Checker Gilts in isolation to prevent outside contamination.**
- **Slaughter checking all production herds at least three times a year.**
- **Vaccinating every production herd for Leptospirosis and Erysipelas, and validating them Brucellosis free.**
- **Checker Gilts are delivered to you in a clean, sanitized truck.**

Kleen Leen's unequaled health program

Every effort is made to insure the good health of the Kleen Leen breeding stock arriving on your farm. Here are some of the steps Kleen Leen takes:

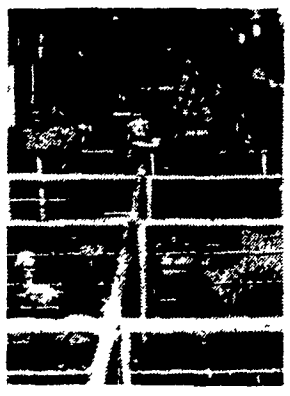
- **Artificial insemination is used to introduce new bloodlines into the Kleen Leen program.**
- **Production herds are kept as isolated as possible to prevent contamination from outside sources.**
- **Each production herd undergoes pre and post slaughter examination at least three times a year.**
- **The breeding stock you receive arrives on your farm in a clean, sanitized truck.**

The Kleen Leen Health Warranty

"All Kleen Leen stock is delivered free of Lice, Swine Dysentery, Infectious Atrophic Rhinitis and Mycoplasma Pneumonia."

Inside a Kleen Leen hog
Lungs show no evidence of mycoplasma pneumonia, or parasite damage
Turbinates in the nose filter air properly helping to prevent secondary lung infections
Liver and intestinal tract show no indication of excessive parasite damage

Some comments from hog producers who bought Checker Gilts



Richard Roeth and son Jeff
Troy, Ohio

Richard Roeth was running about 80 sows He sold out, cleaned up and repopulated with Kleen Leen 2 groups of 25 and 1 group of 30, plus 4 Blackline Boars Since then he has bought nothing but Kleen Leen boars and gilts Richard says, "I feel that health, genetic improvement and the availability of gilts and boars through the Purina Dealer are the best reasons to buy Kleen Leen"

Ron DeBruin
Leighton, Iowa

"I had good length in my hogs at home but wanted to increase my quality of meat type hogs faster So I bought Kleen Leen boars and gilts for that reason (Kleen Leen) animals showed good bone and muscle structure on delivery, and have continued to develop well"

Glenn DeVries
Gowrie, Iowa

" when Landrace became available, I bought 14 of them to breed with my Checker™ Boars Talk about performance! We farrowed 145 live and healthy pigs from those 14 gilts I'm one happy pork producer who is sold on Kleen Leen and the Purina feeding program Let me say thank you for making such a breeding program available I recommend Kleen Leen to everyone"

FEED PURINA - For Better Profits And Better Pigs

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☐ KLEENLEEN Breeding Stock

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